

TITLE: COMPLEMENTING CELL LINES

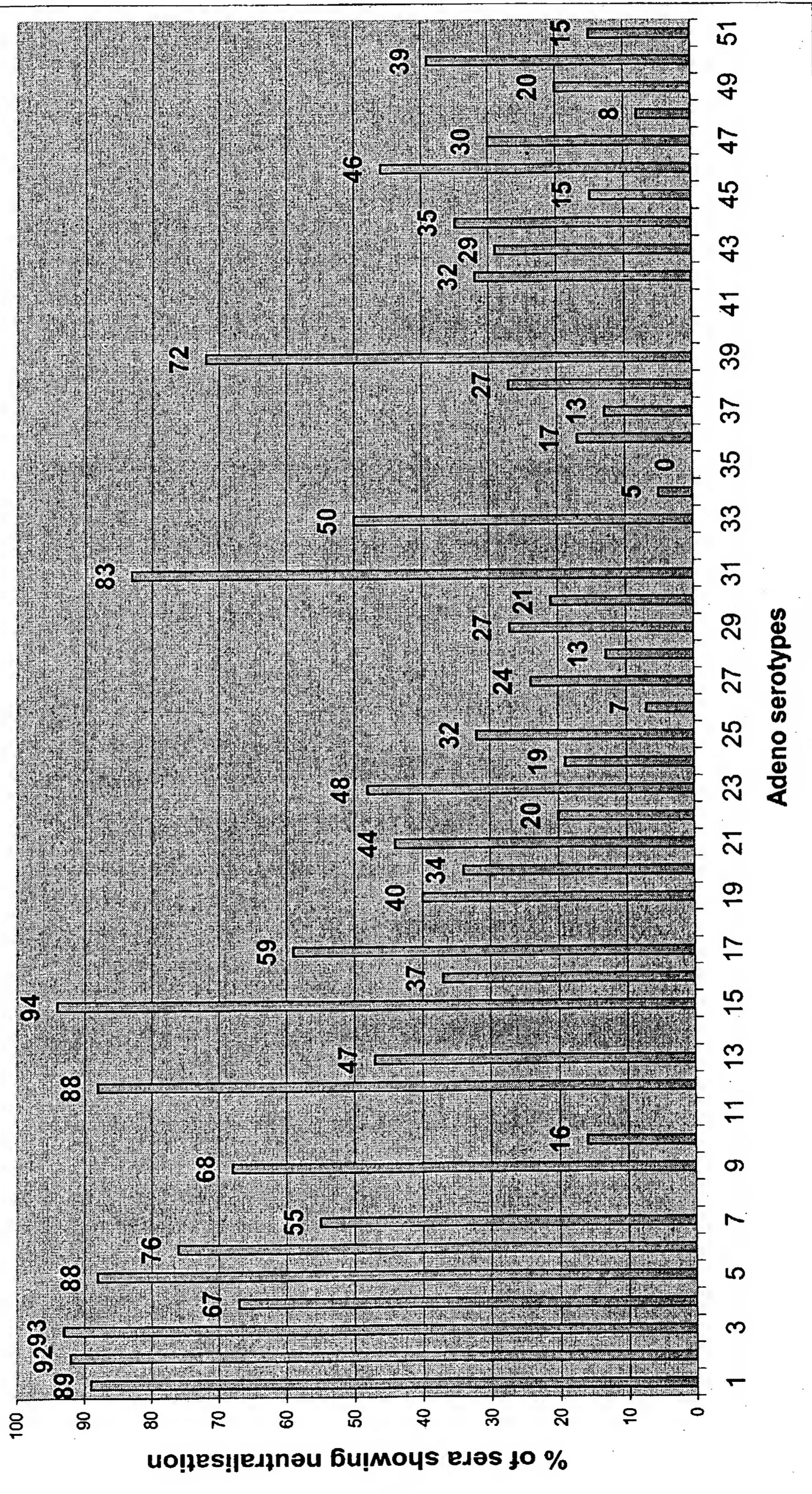
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#5

Figure 1:
% of human sera with neutralising capacity for human adenovirus (n=100)



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Figure 2

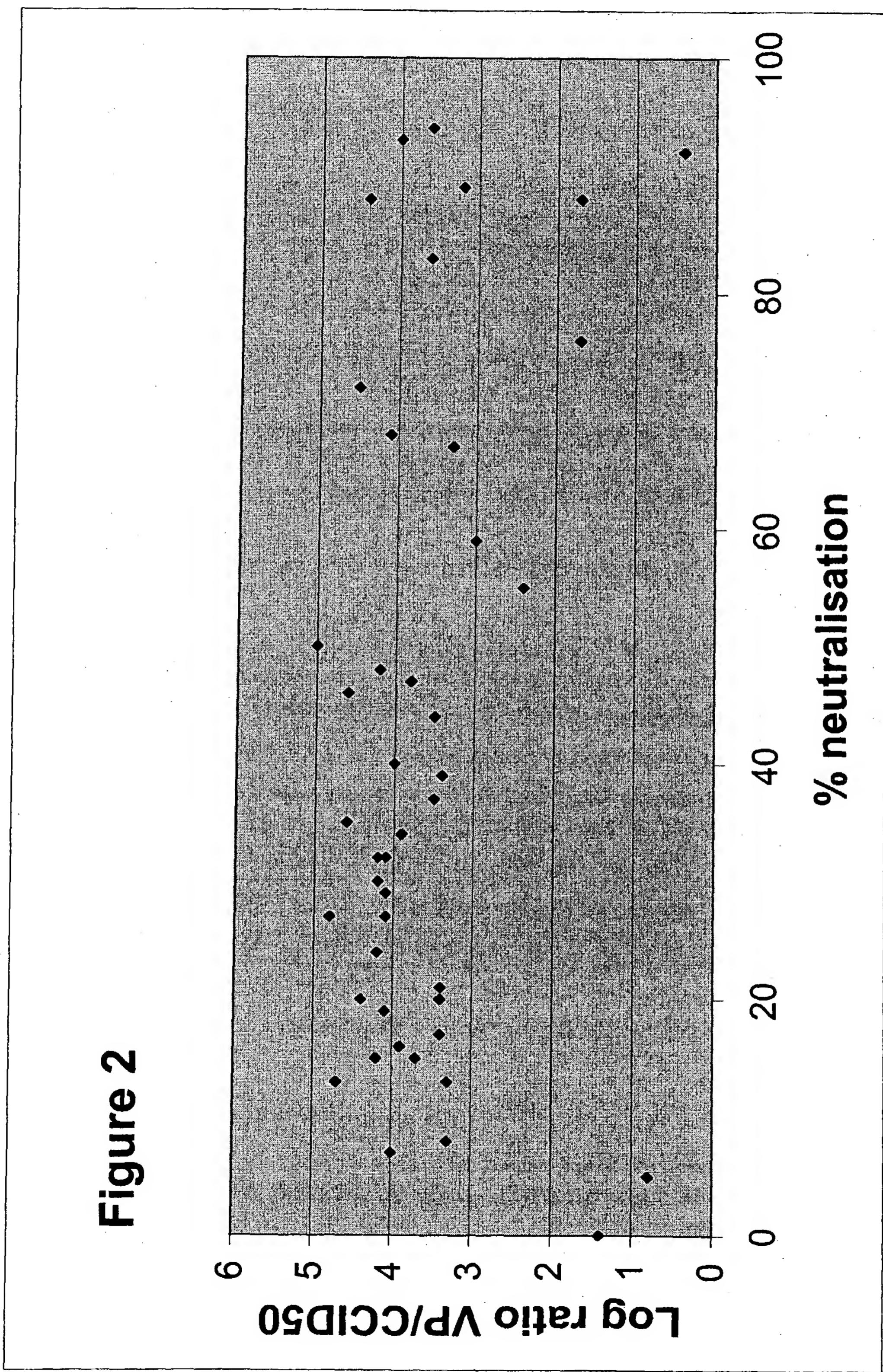
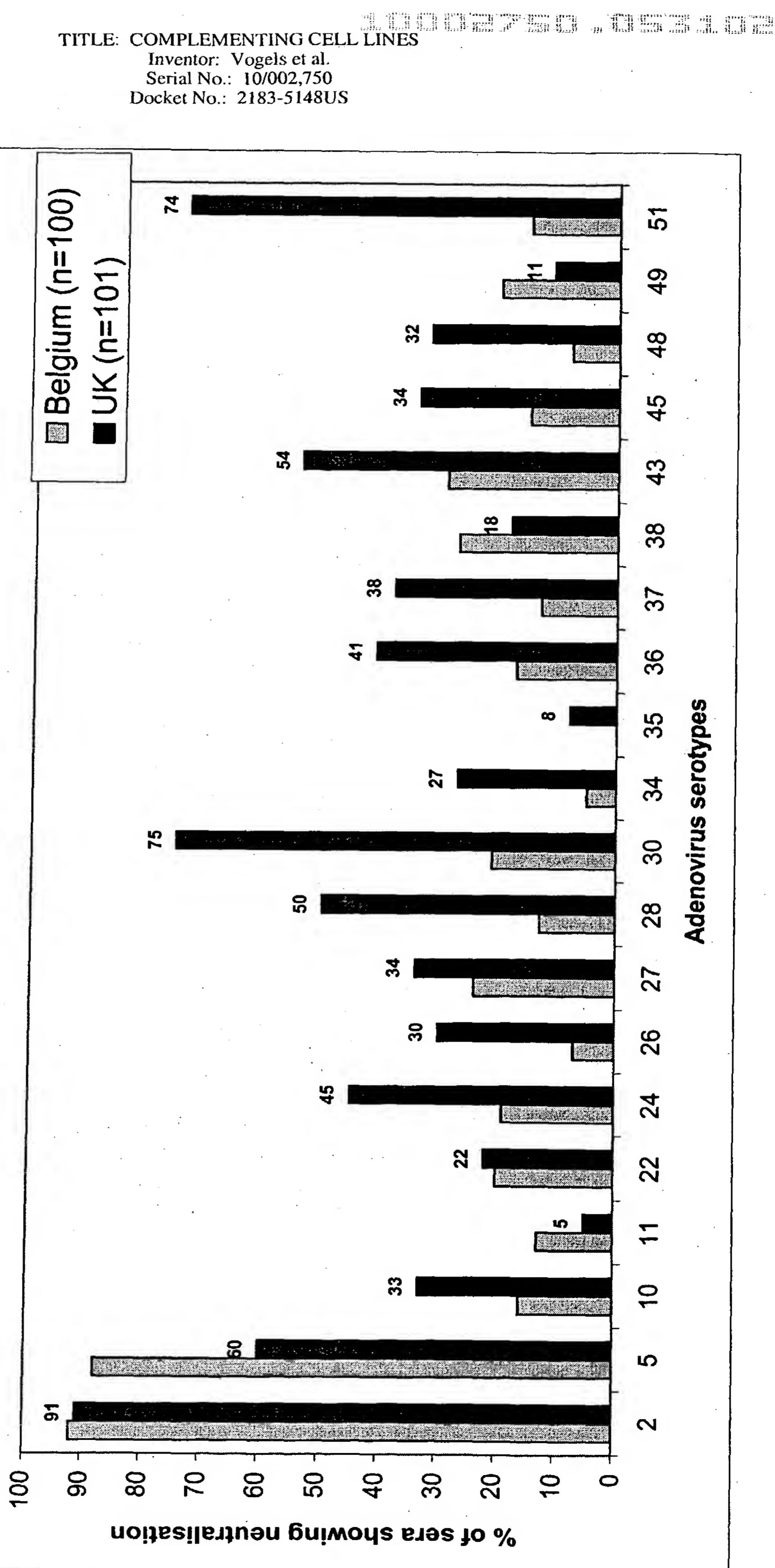


Figure 3

Neutralisation in human sera



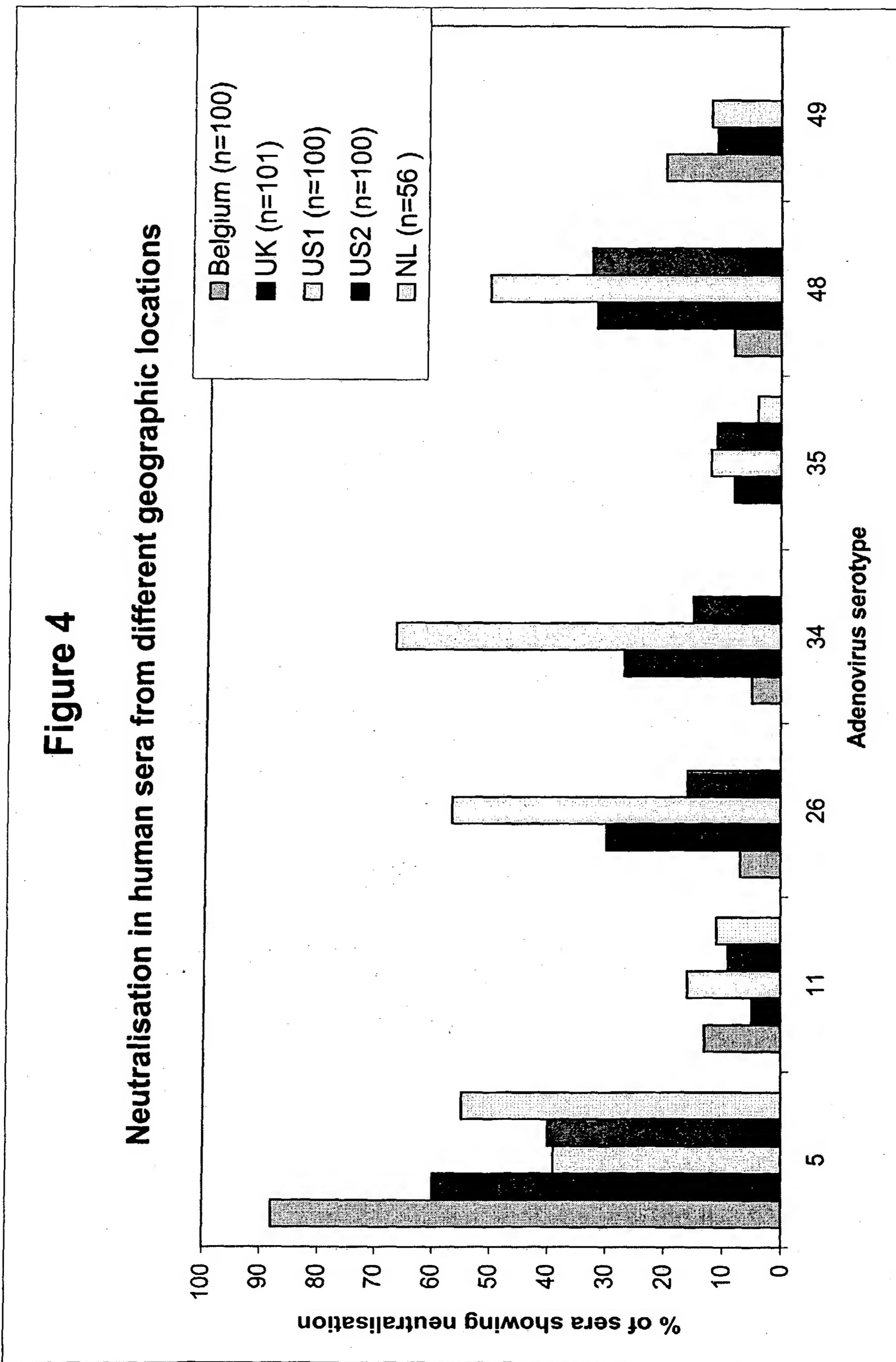
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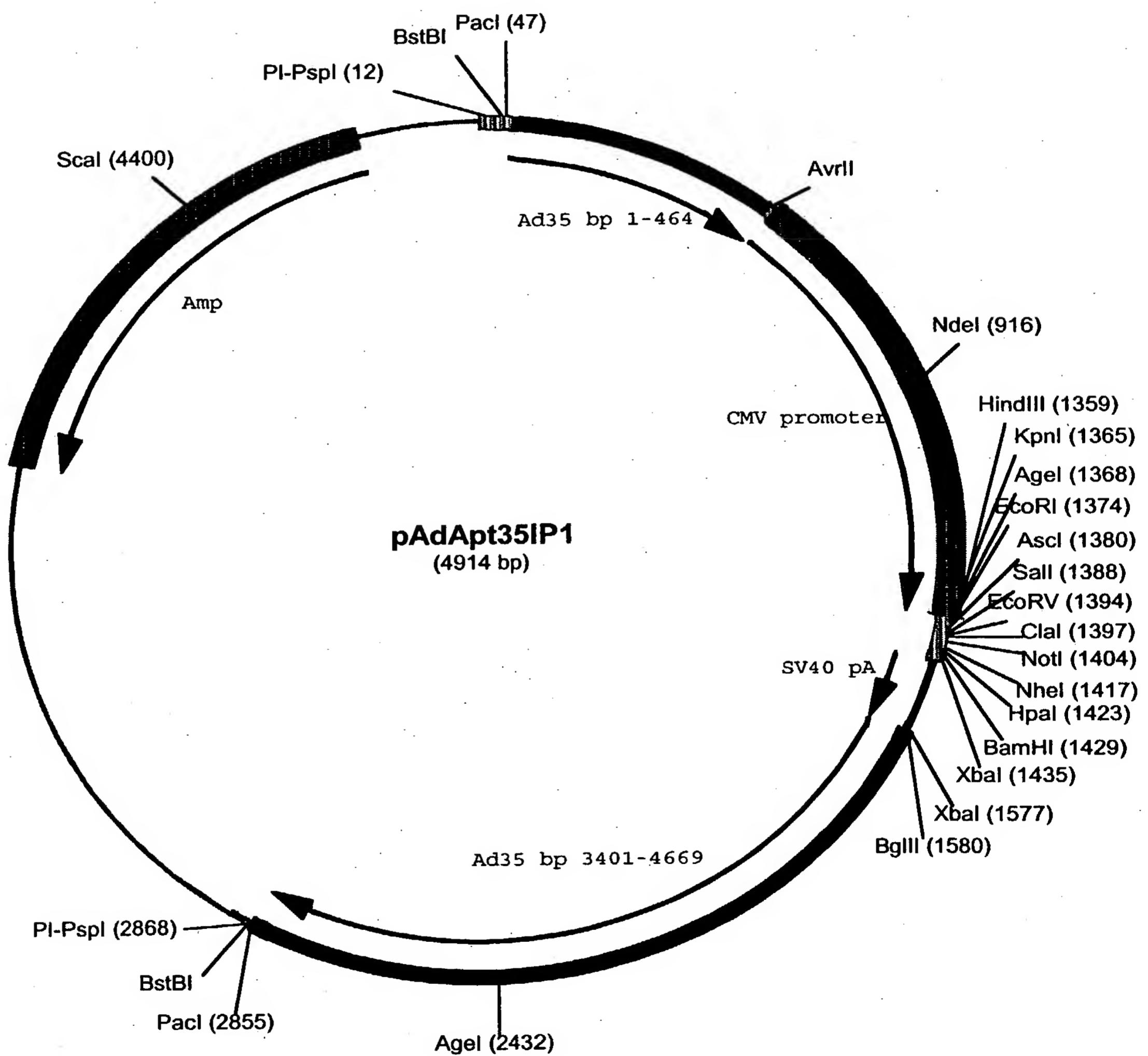
Figure 4
Neutralisation in human sera from different geographic locations



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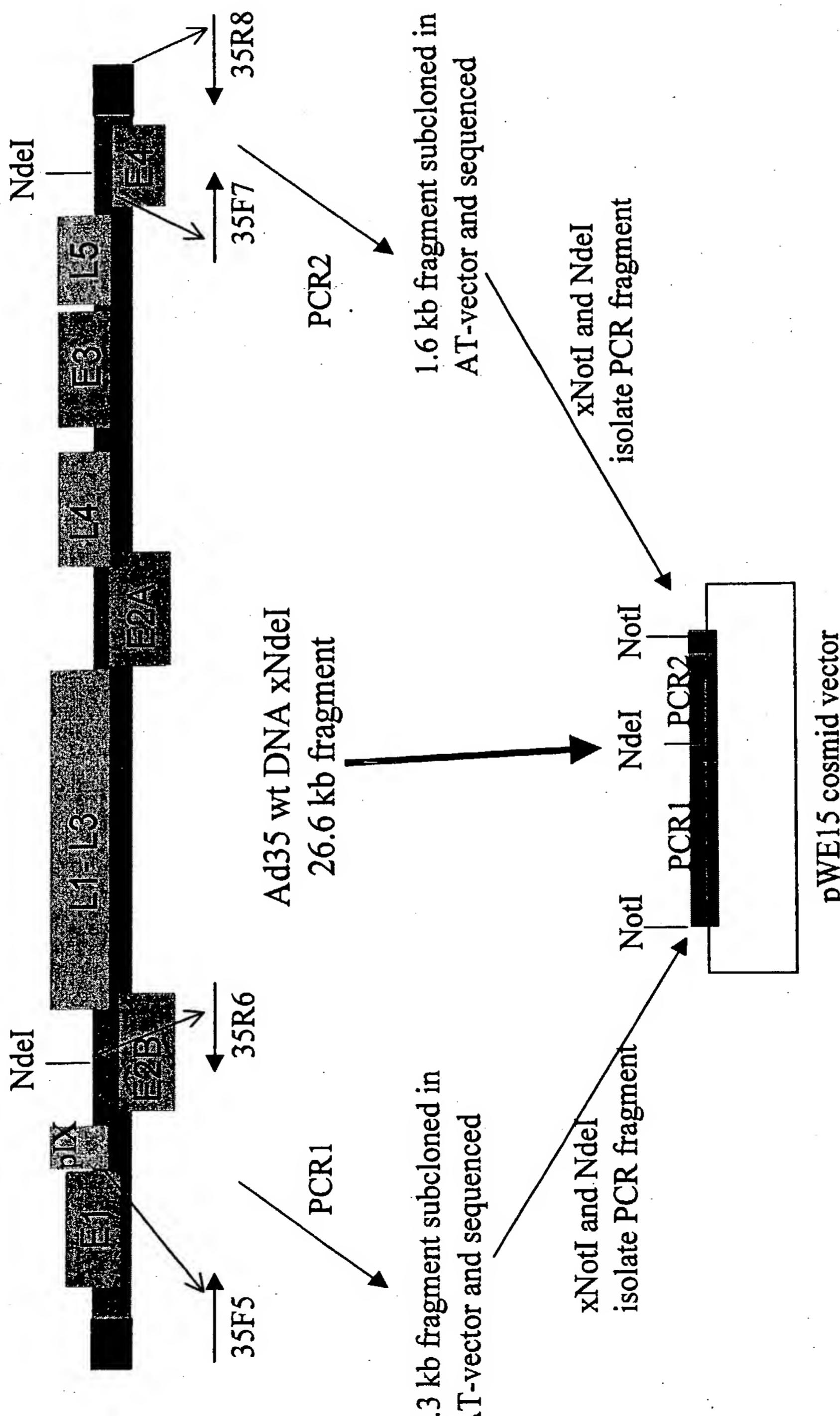
Figure 5



Construction of cosmid vector pWE.Ad35.pIX-rITR

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Figure 6



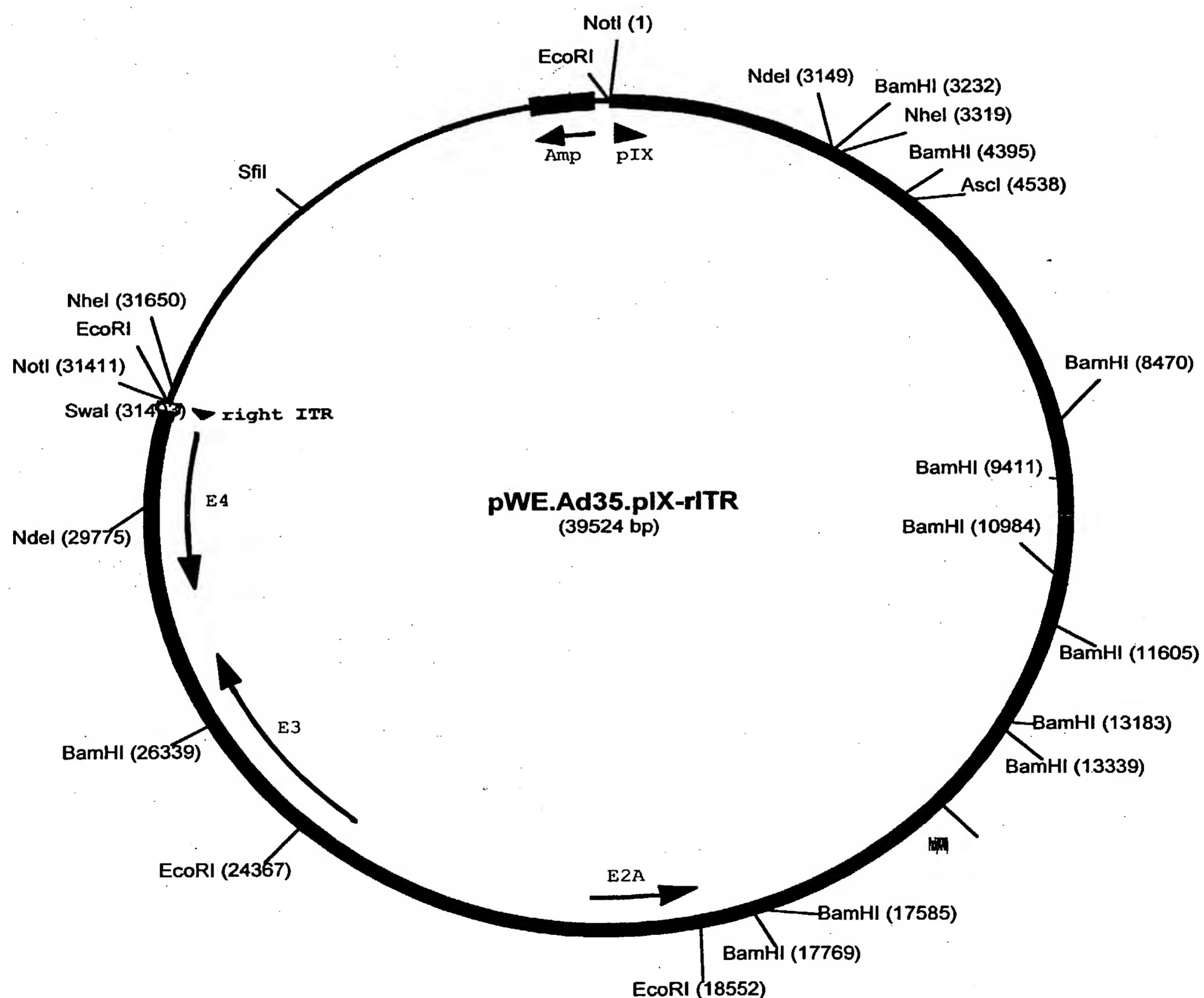
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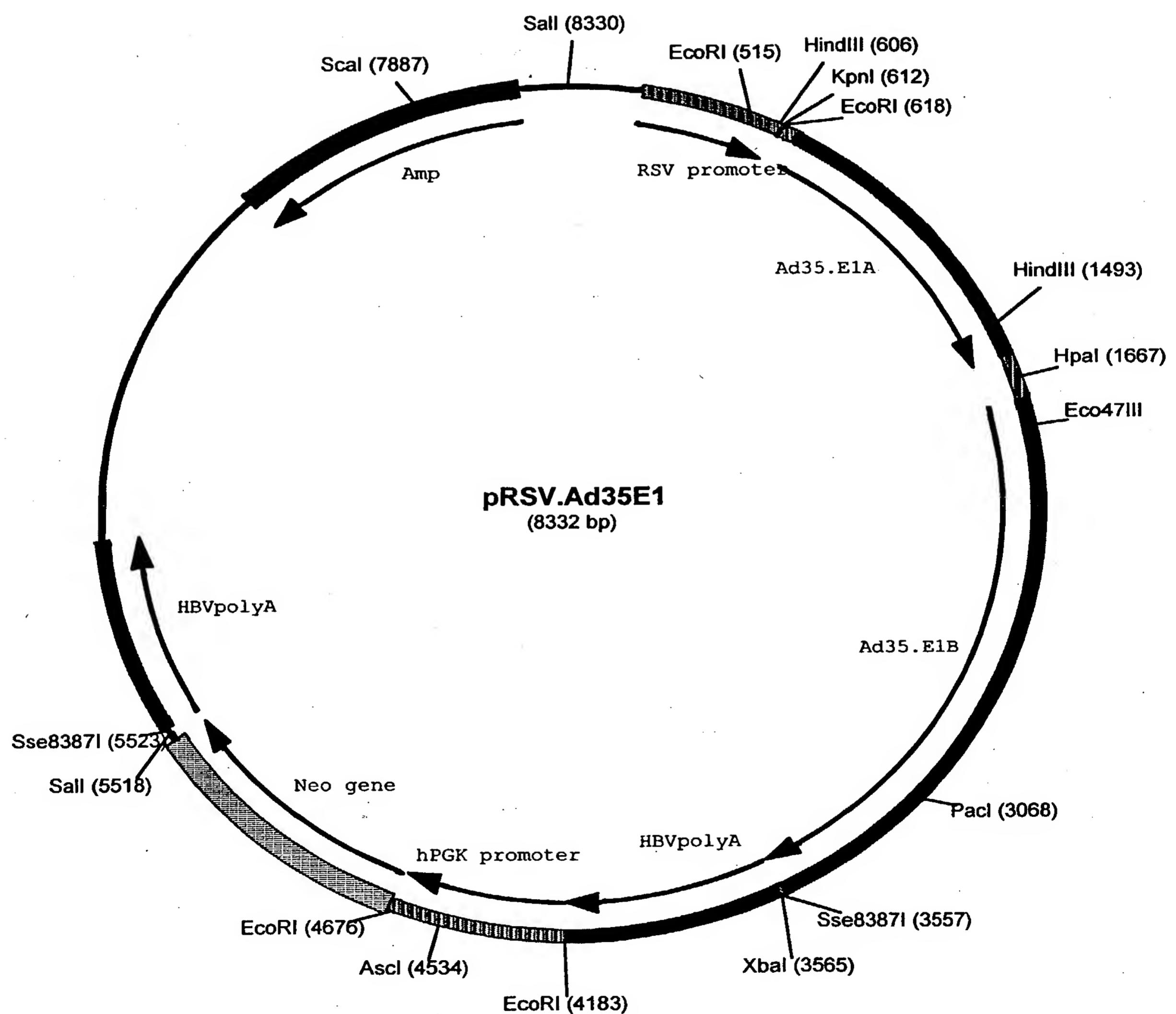
Figure 7



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Figure 8



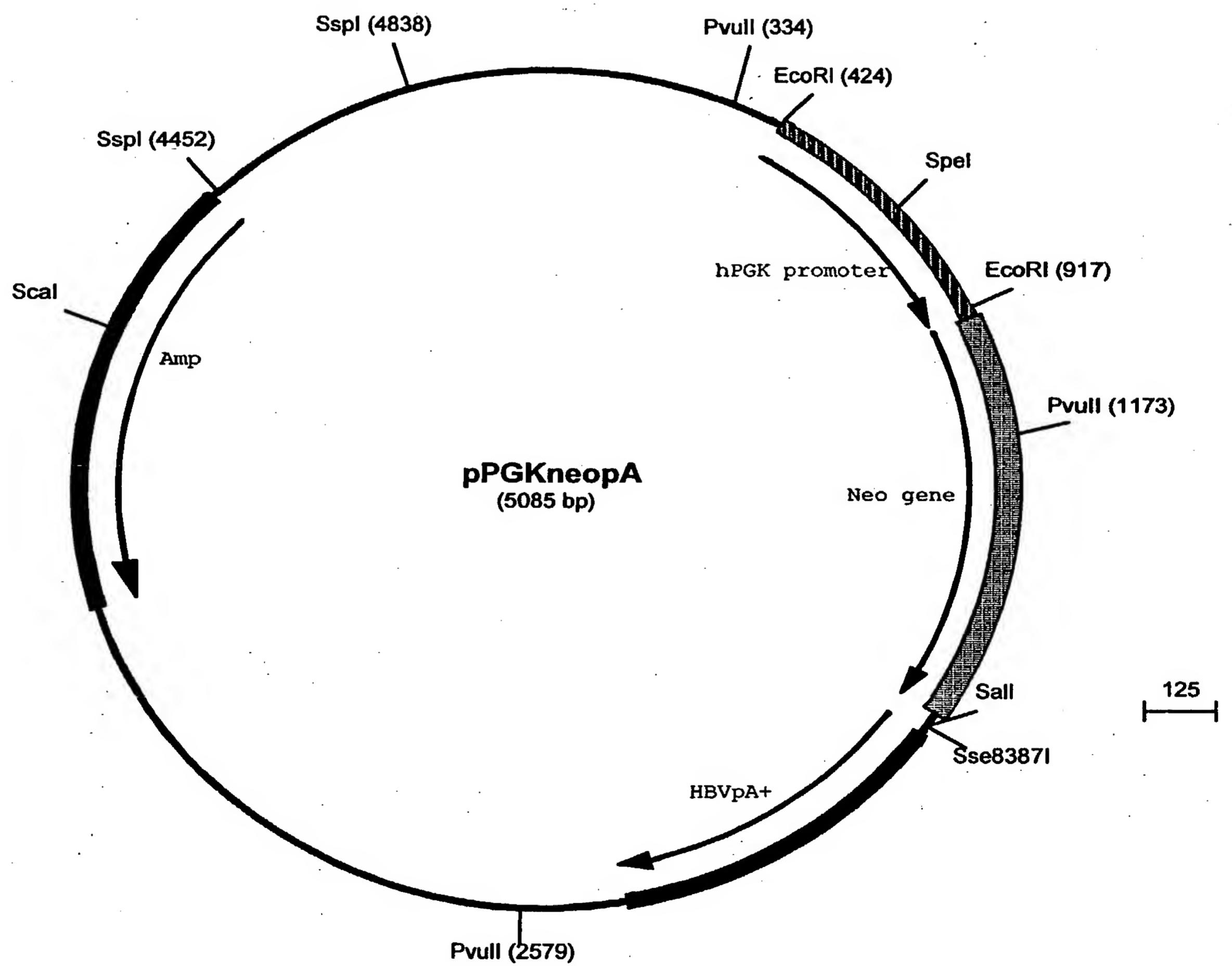
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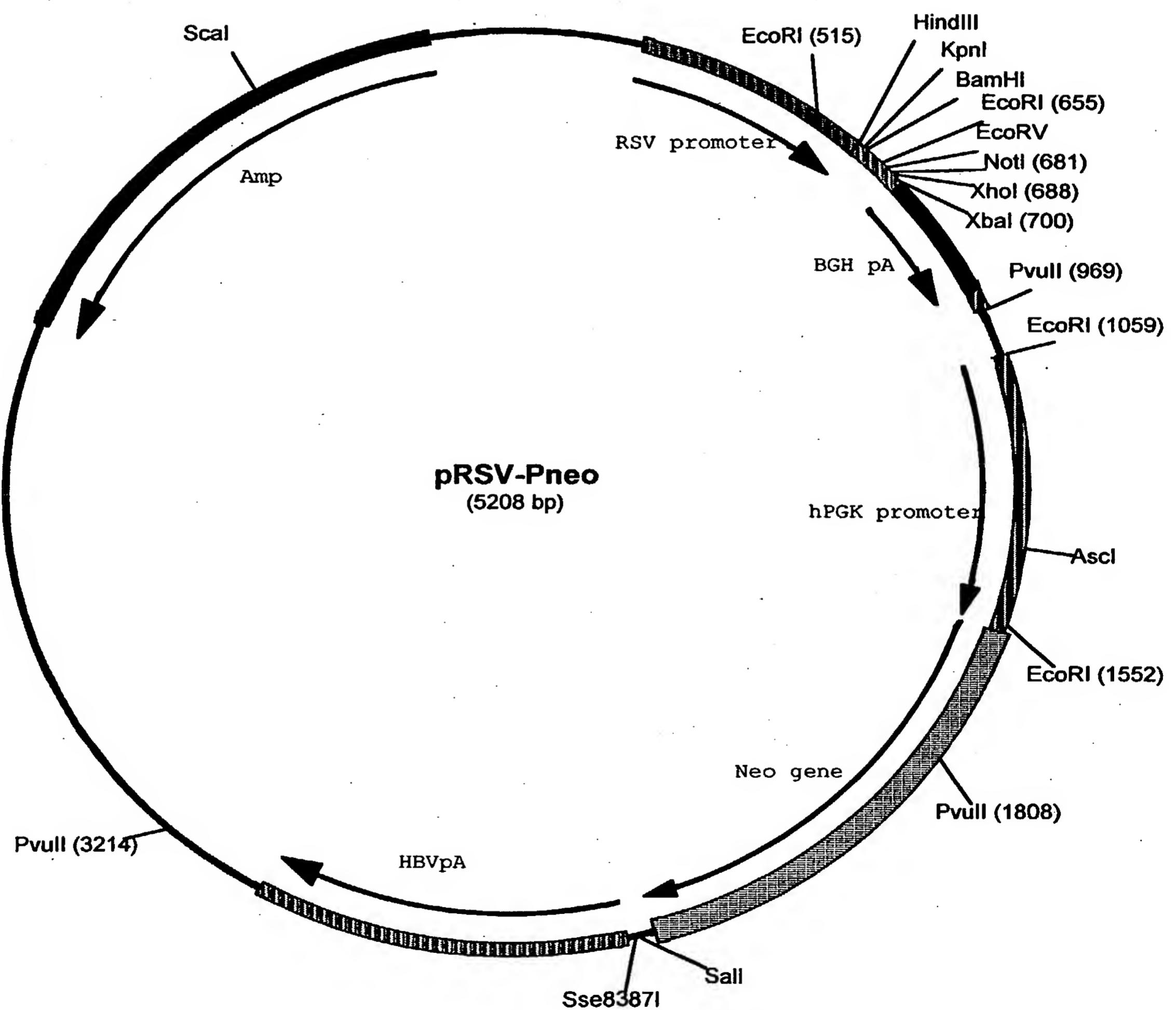
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Figure 9



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Figure 10



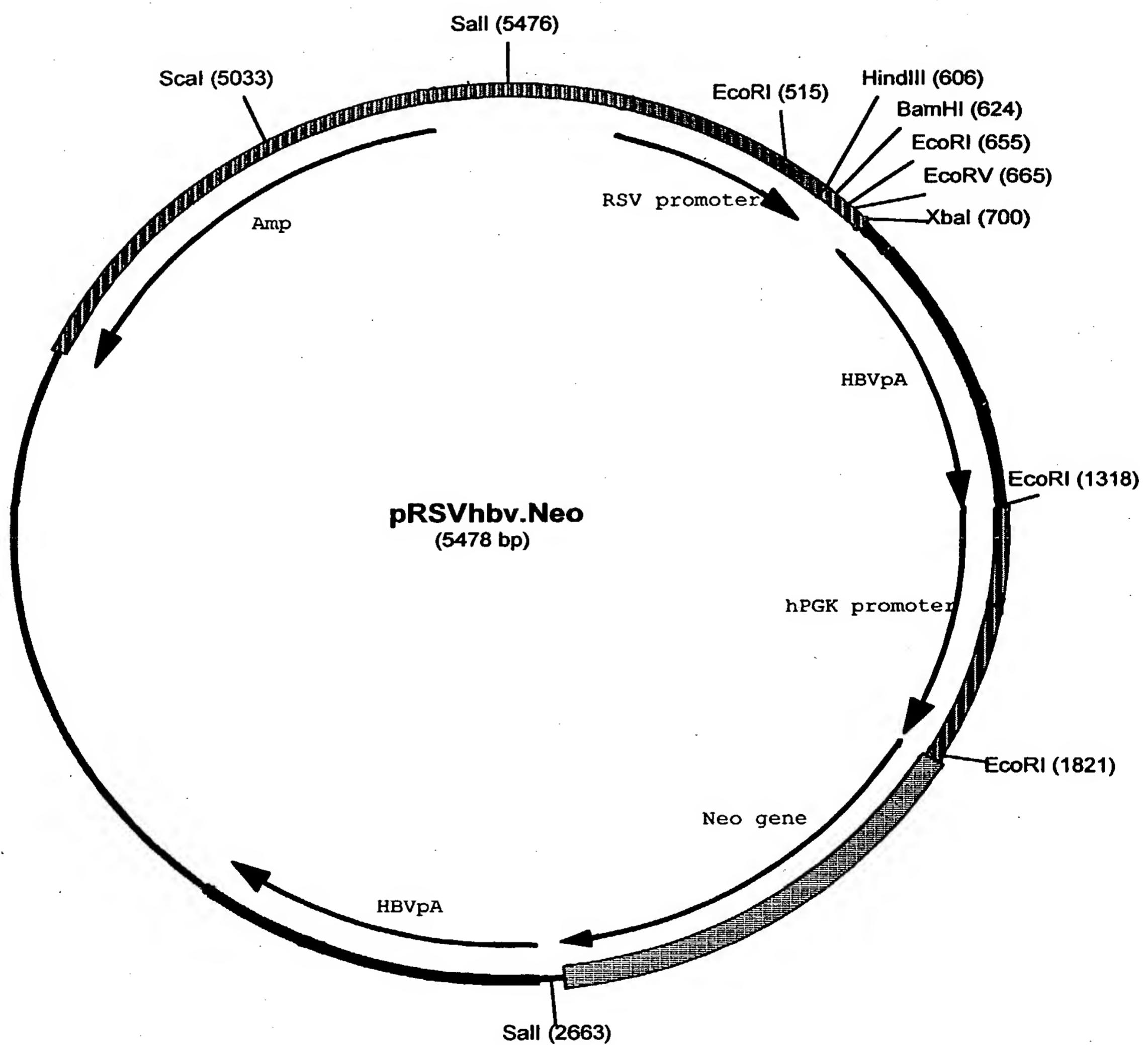
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Figure 11



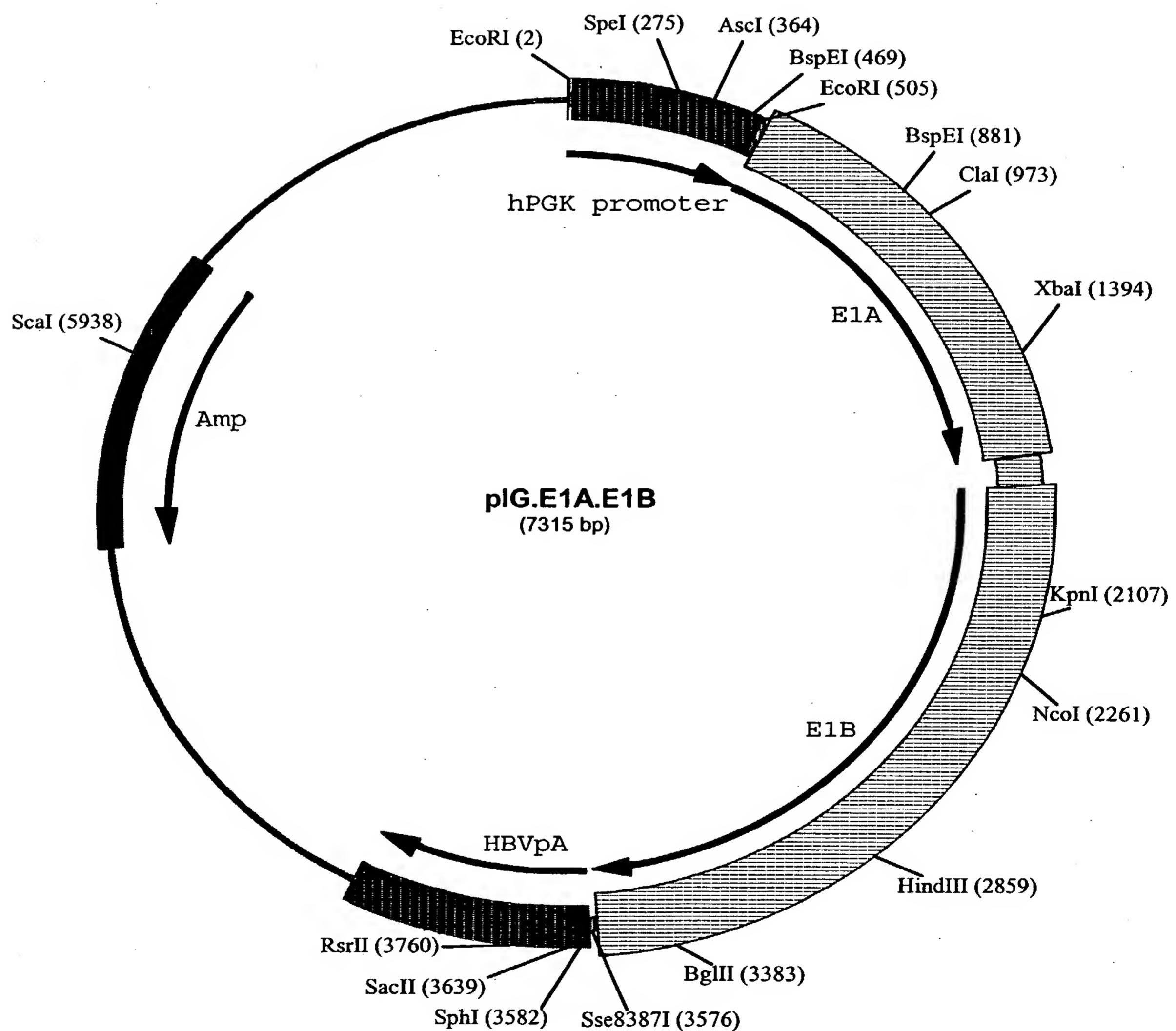
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Figure 12



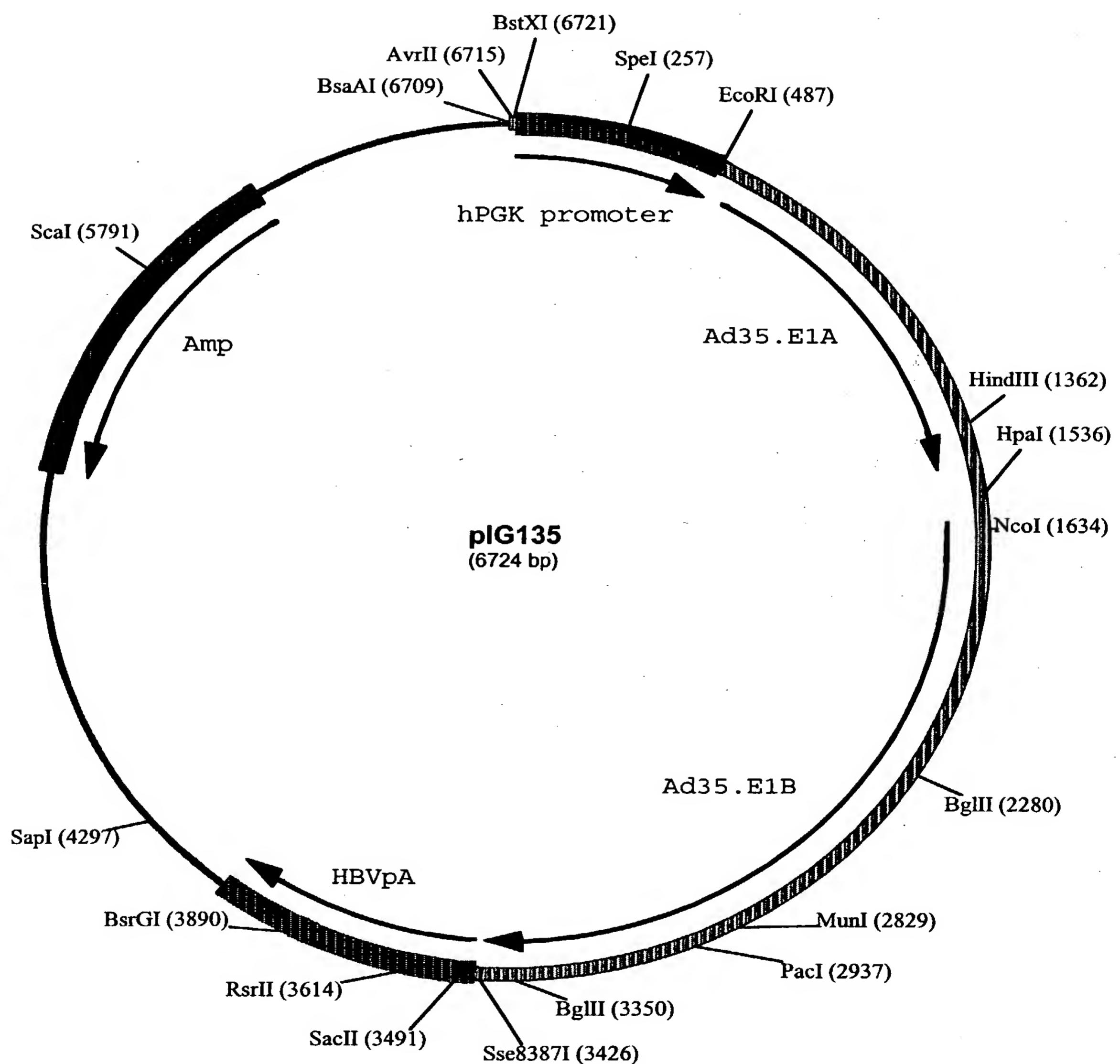
TITLE: COMPLEMENTING CELL LINES

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Figure 13



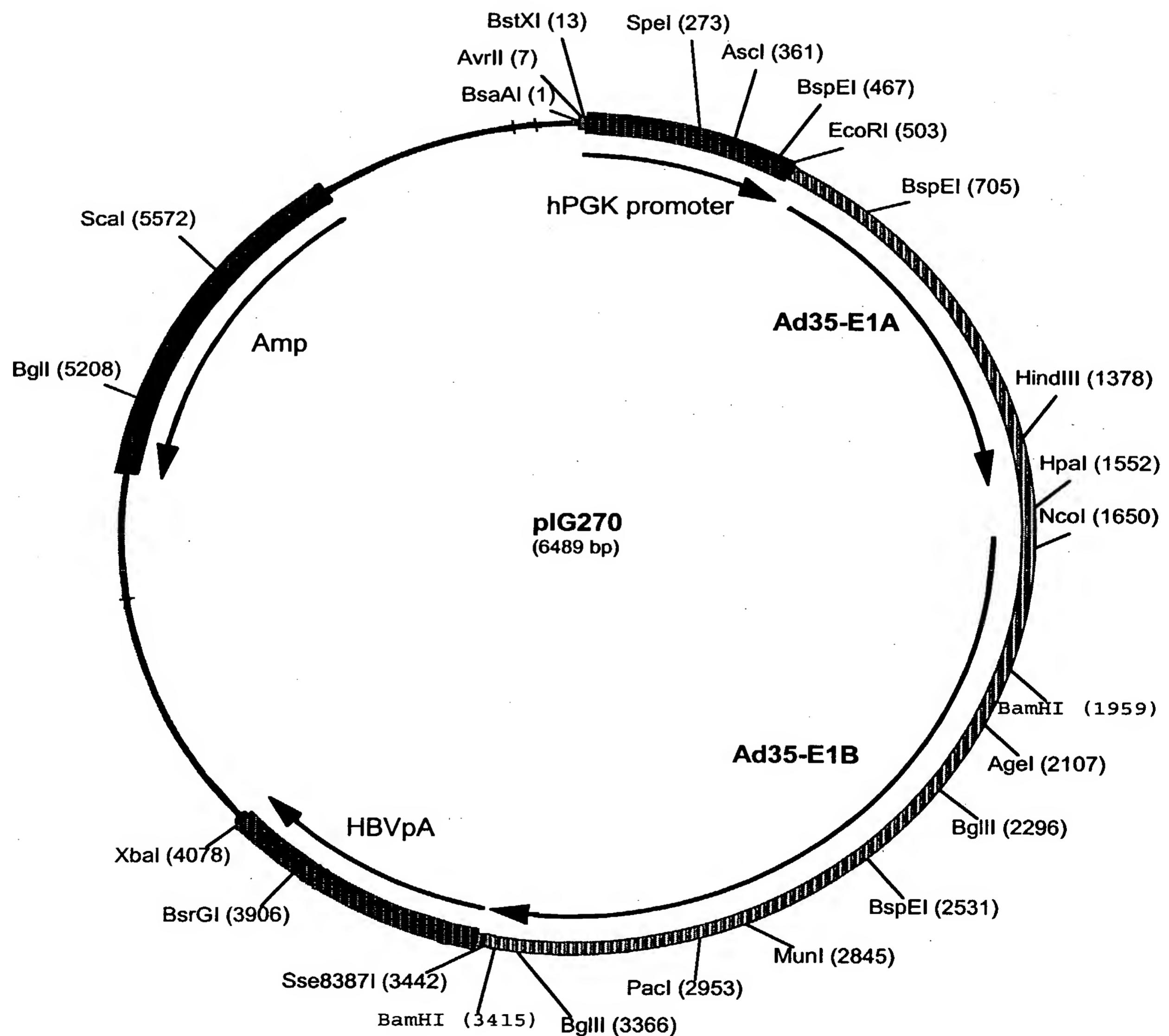
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Figure 14



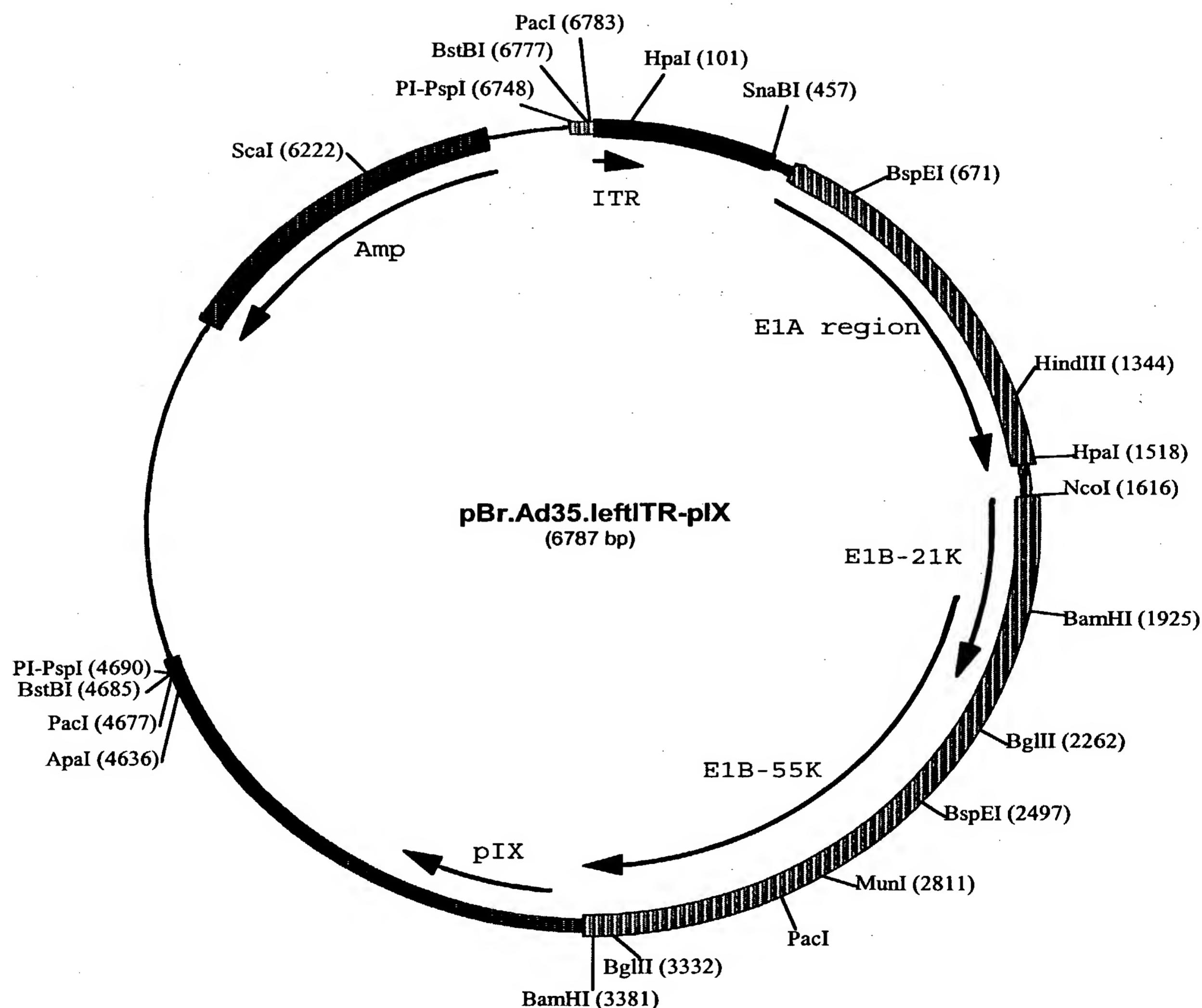
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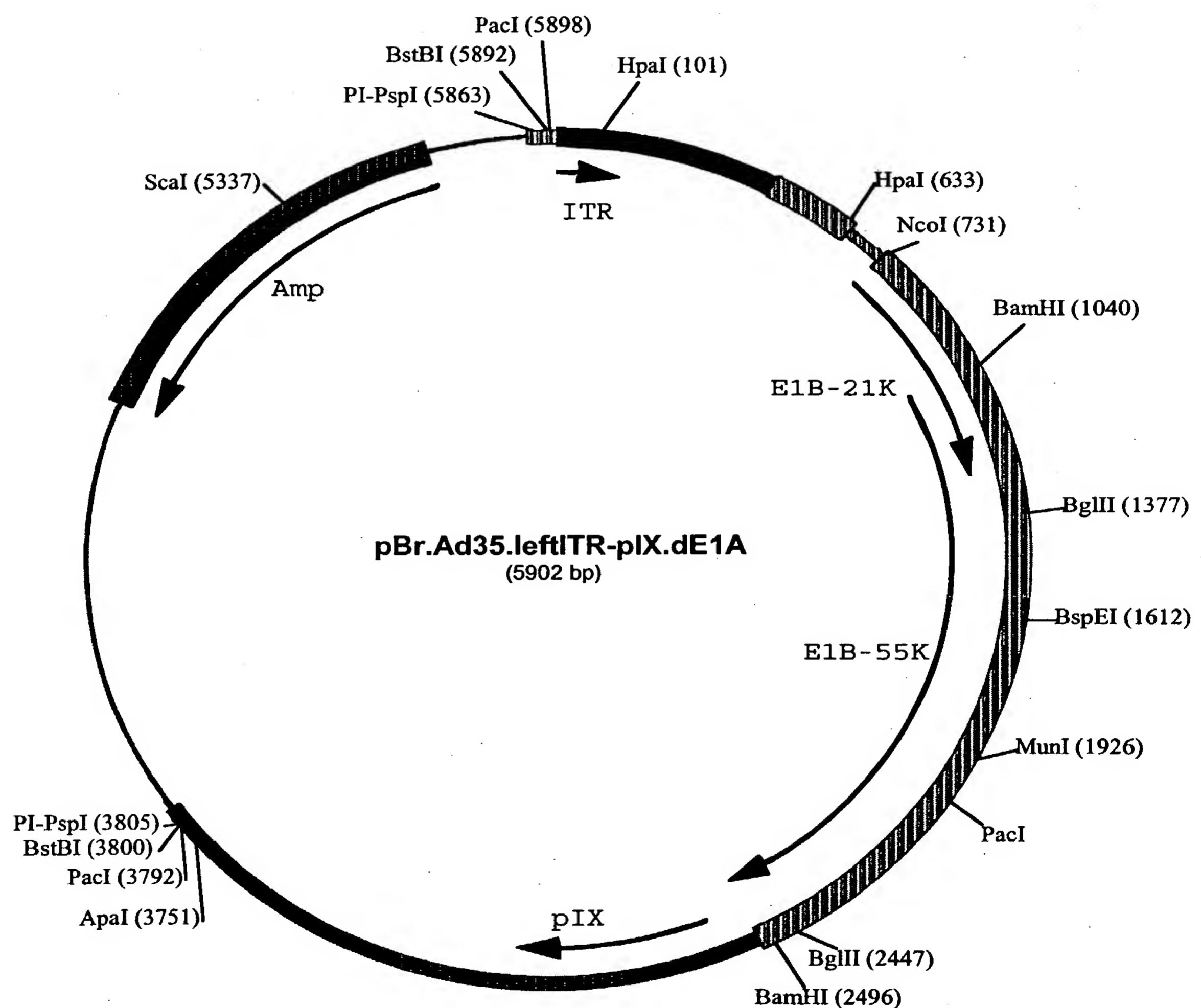
Figure 15



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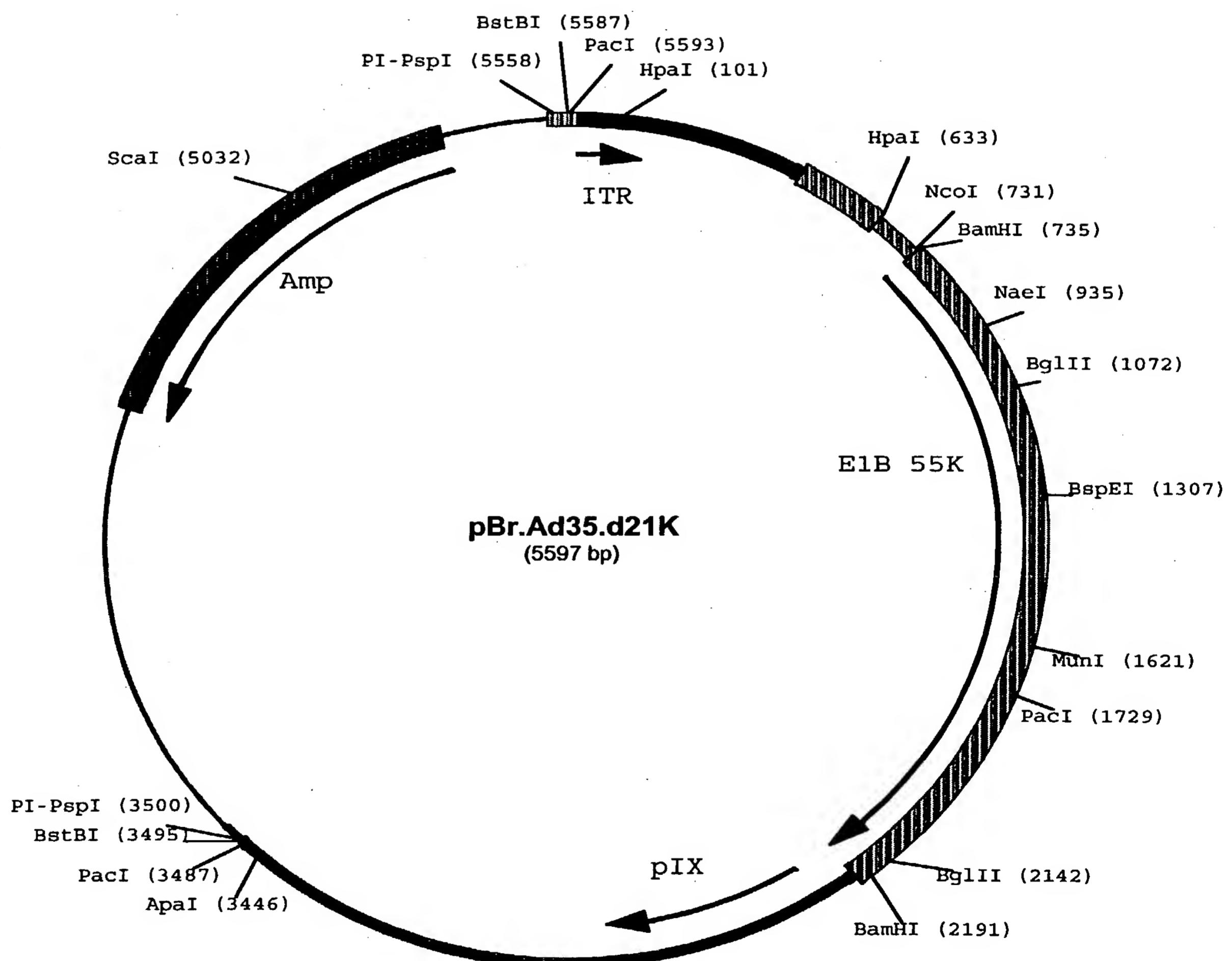
Figure 16



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Figure 17



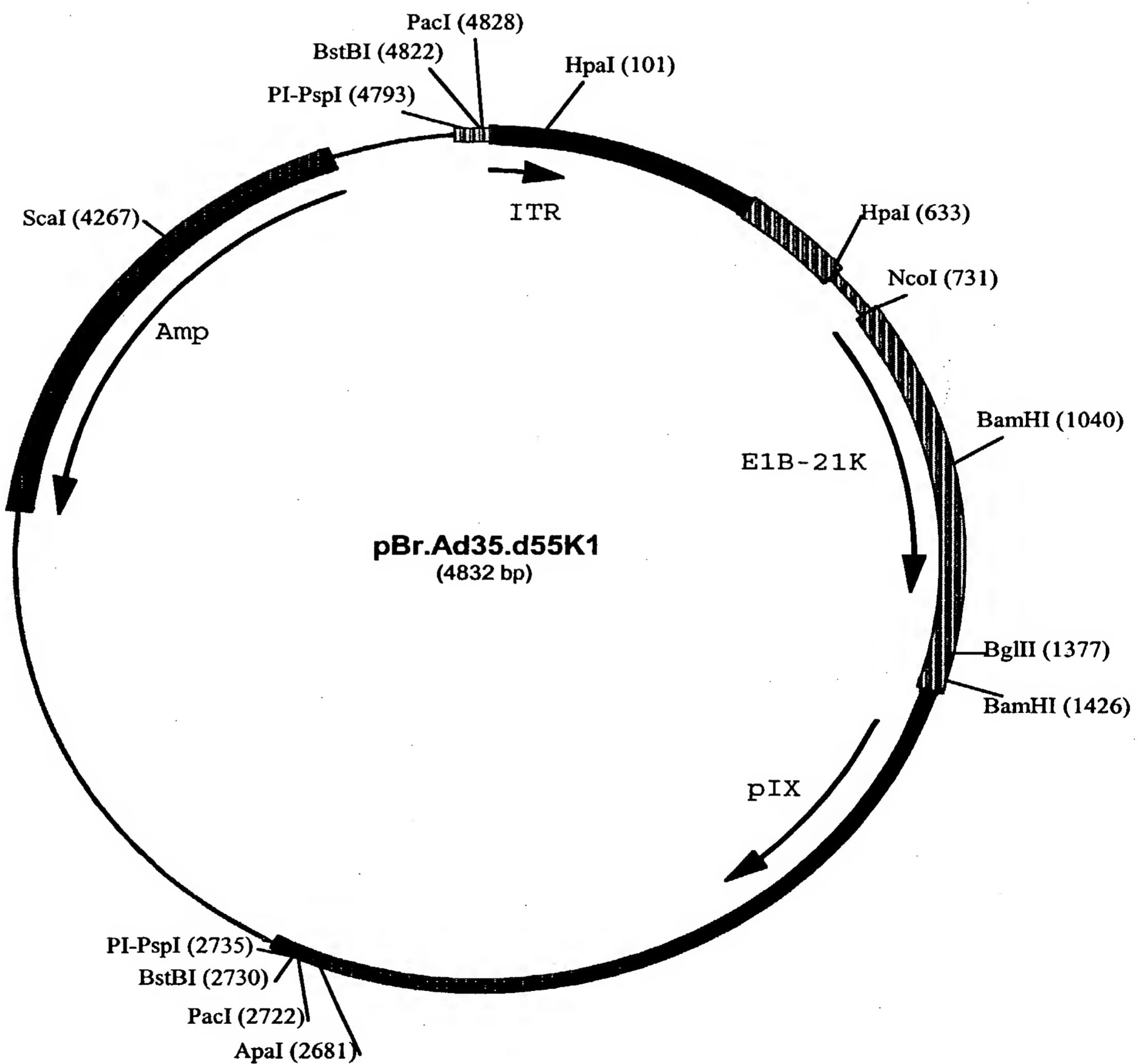
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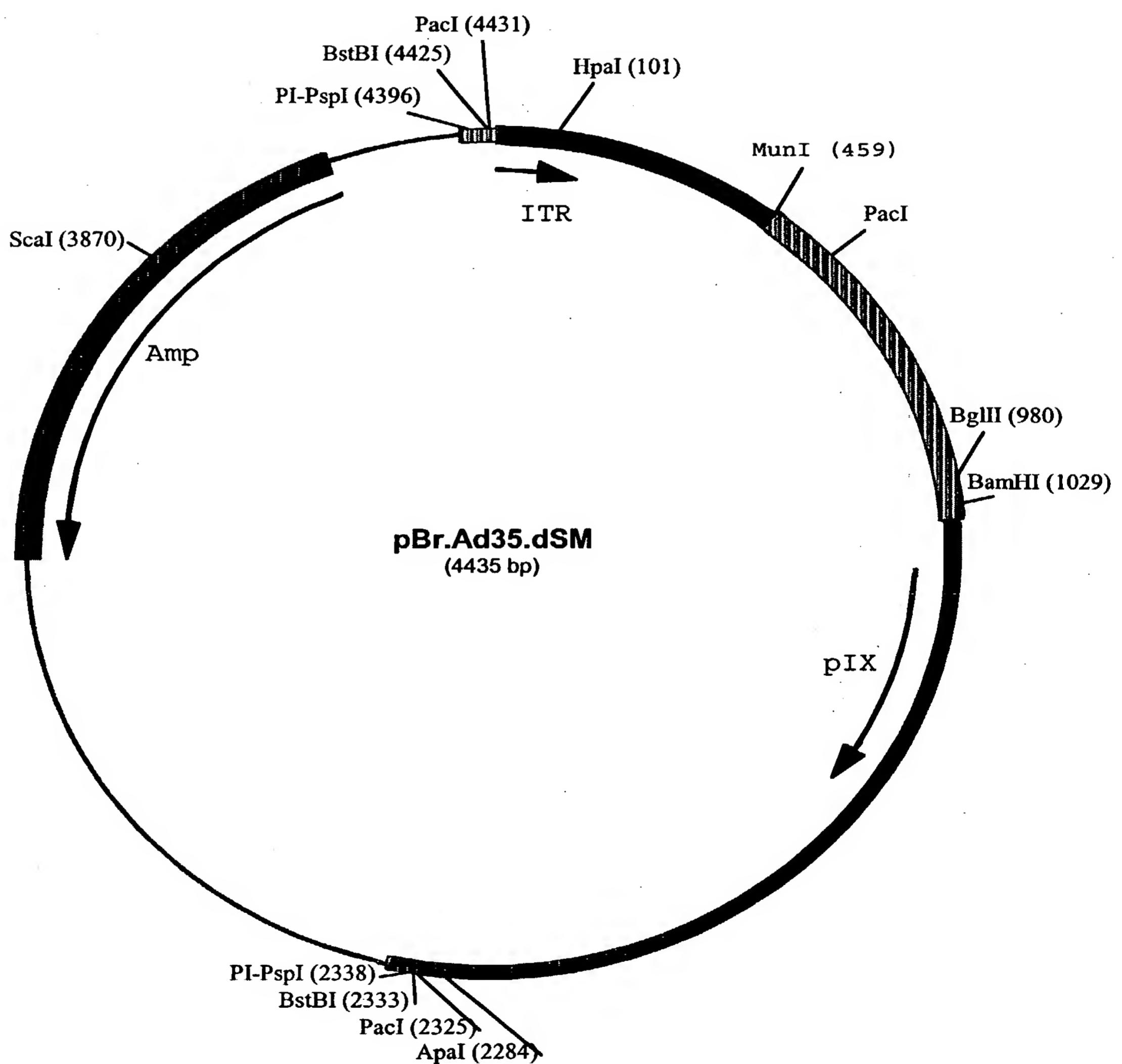
Figure 18



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Figure 19



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Figure 20

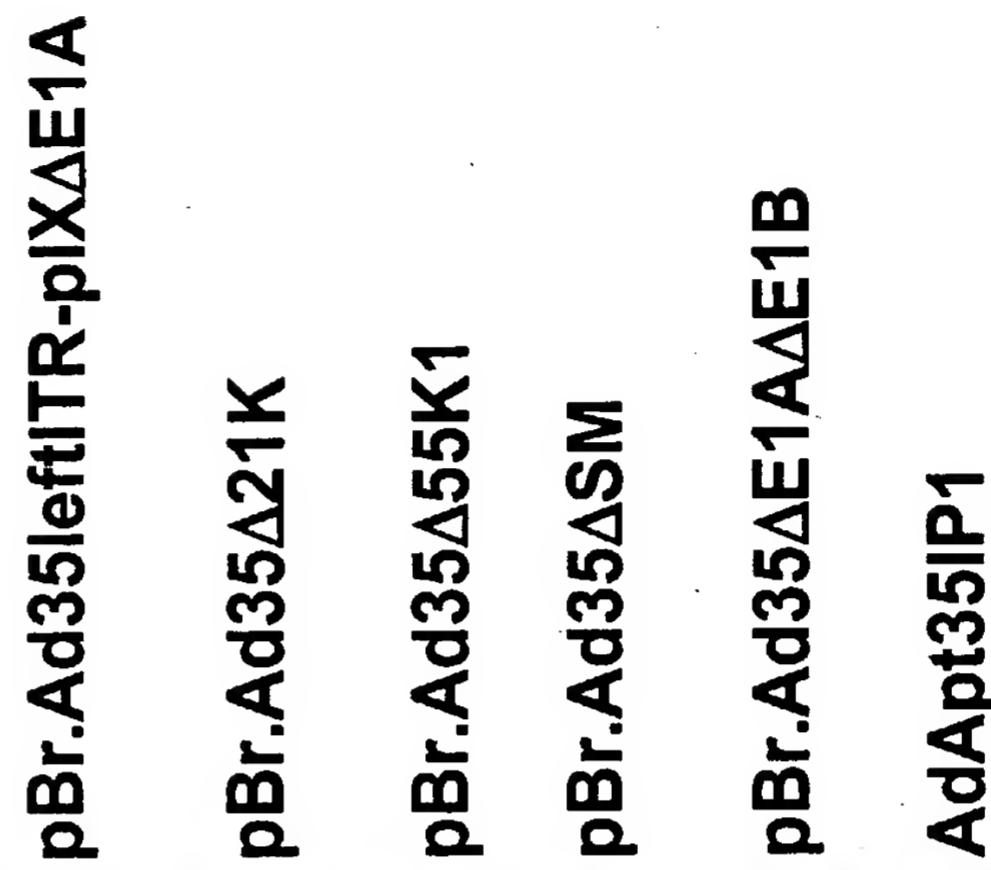
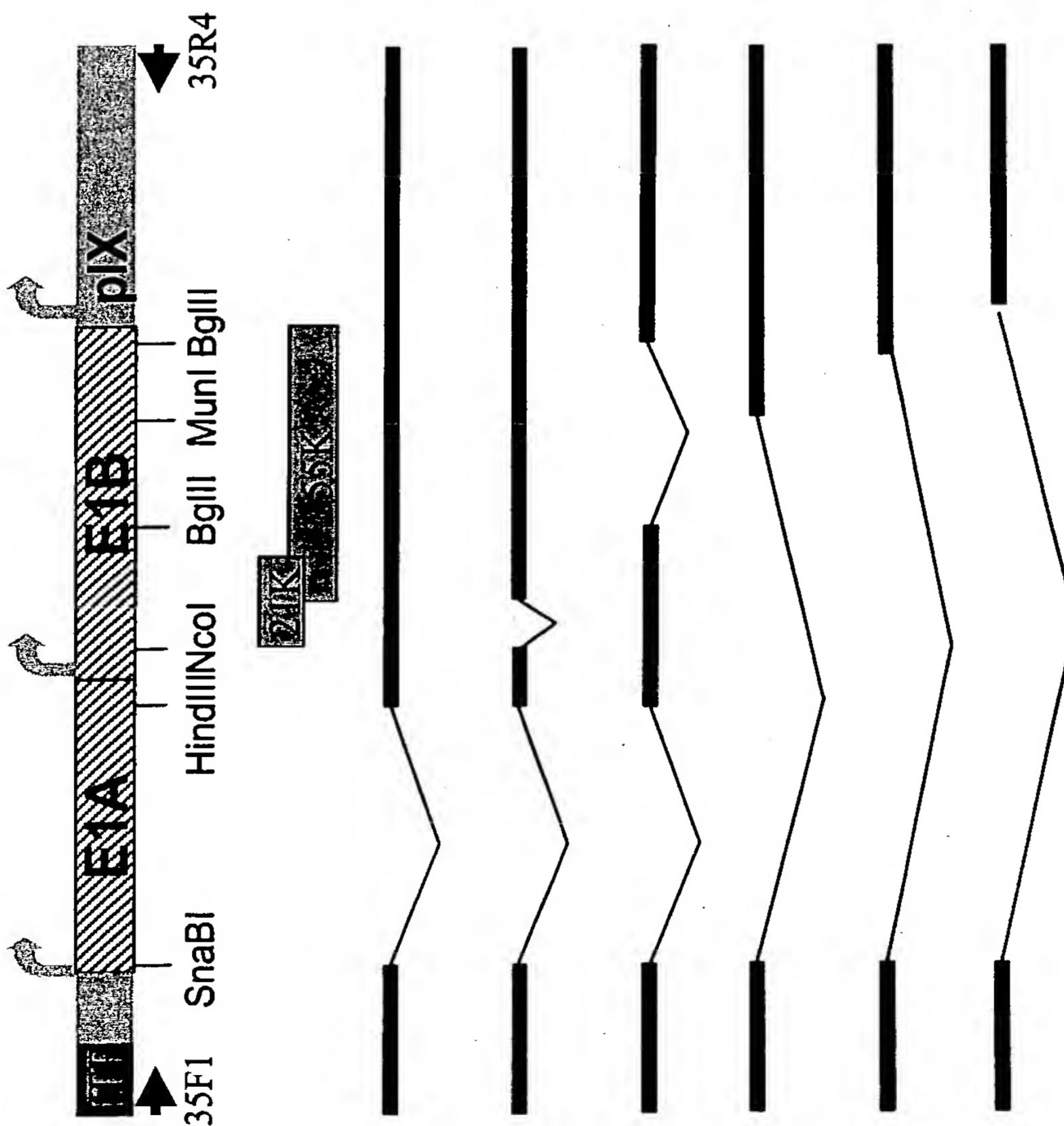


Figure 21



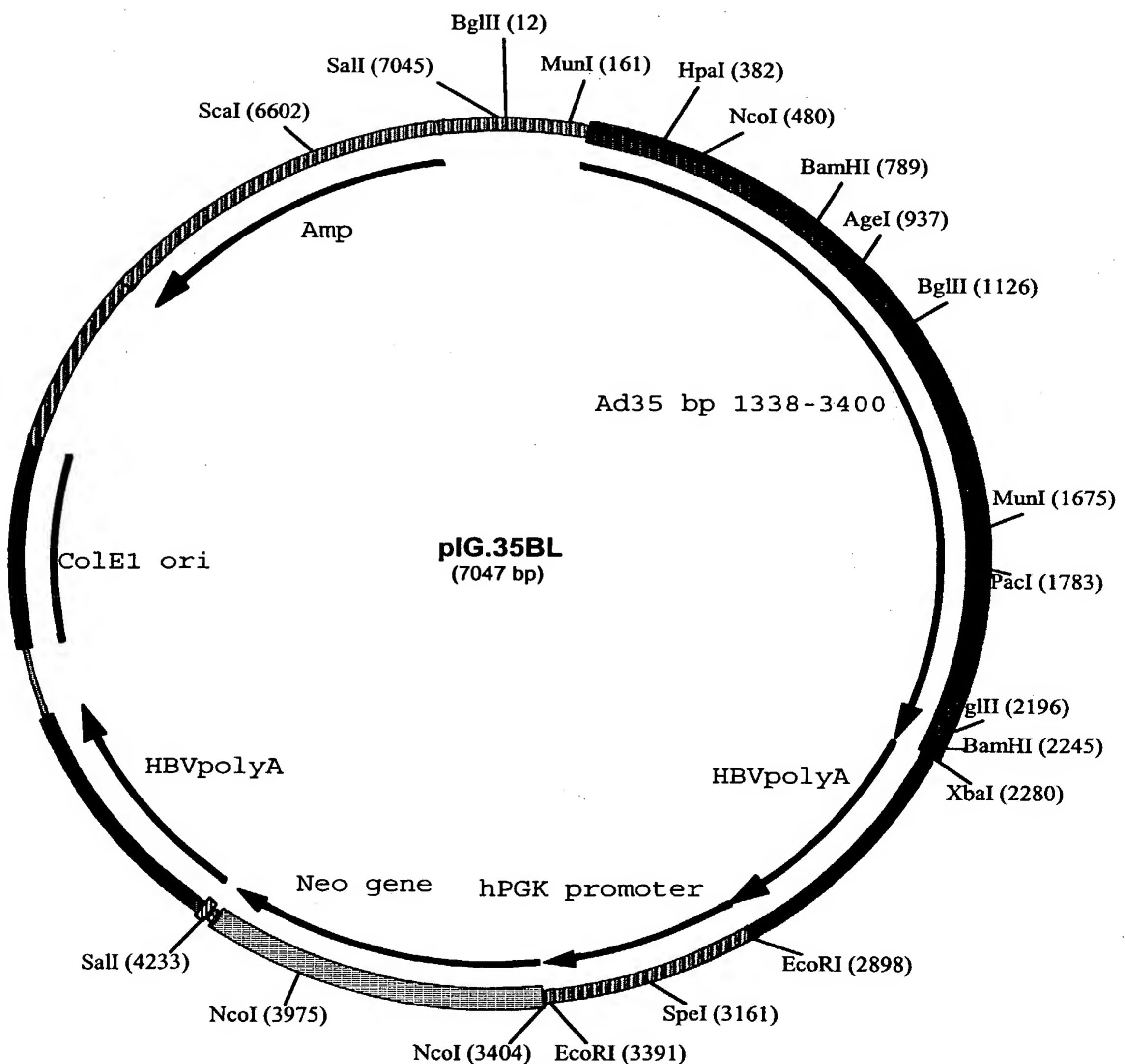
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Figure 21



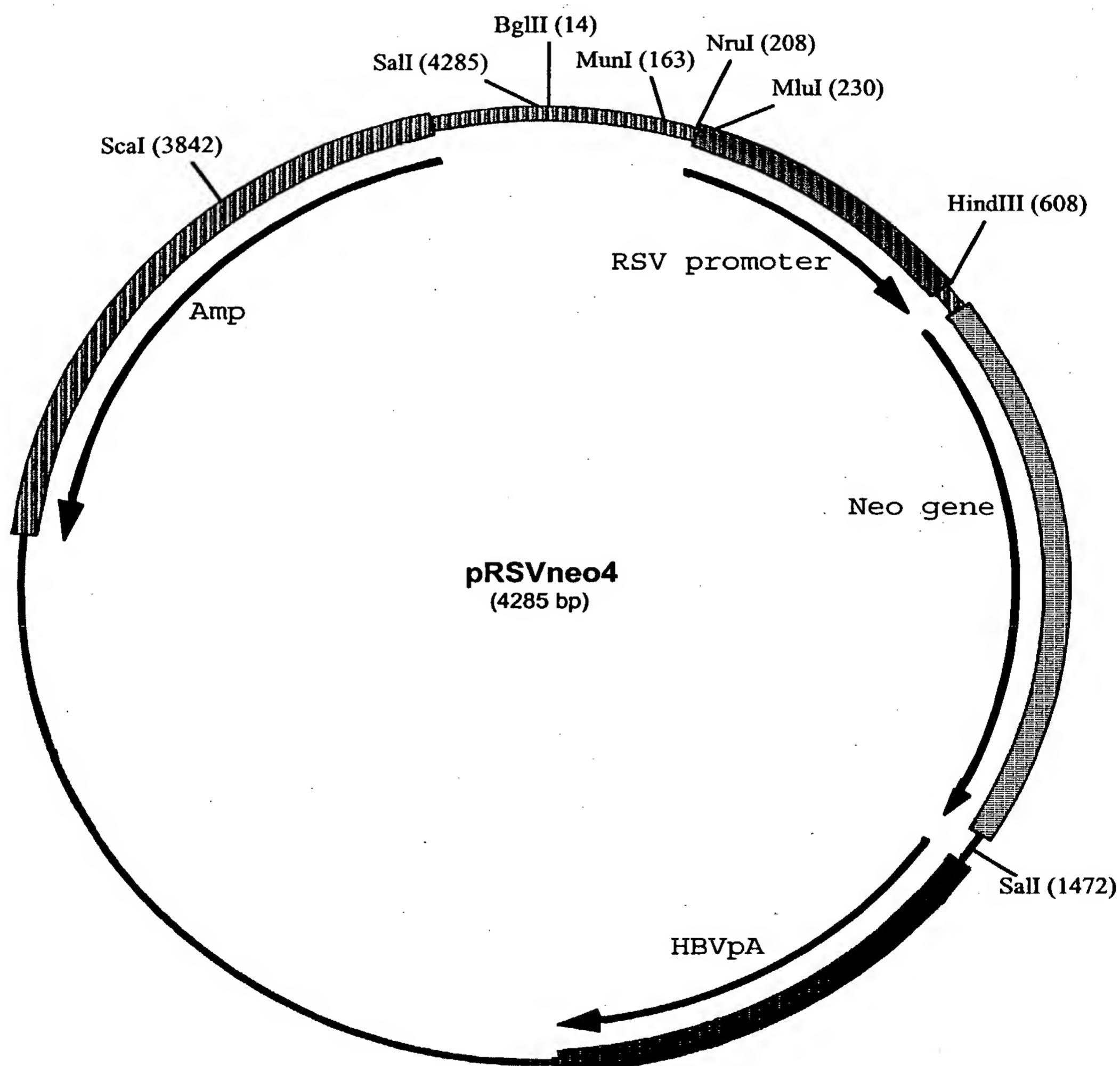
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Figure 22



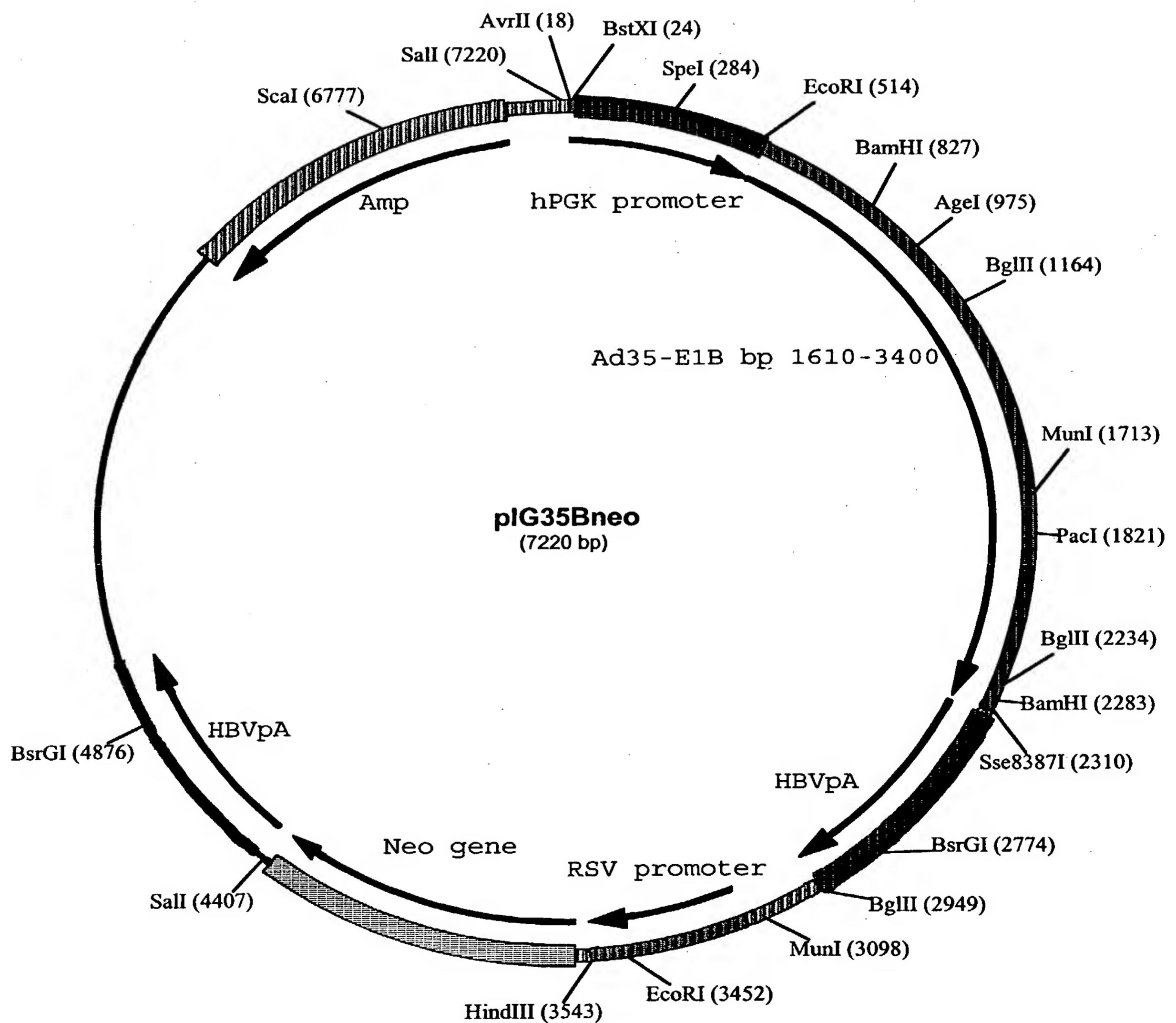
TITLE: COMPLEMENTING CELL LINES

Inventor: Vogels et al.

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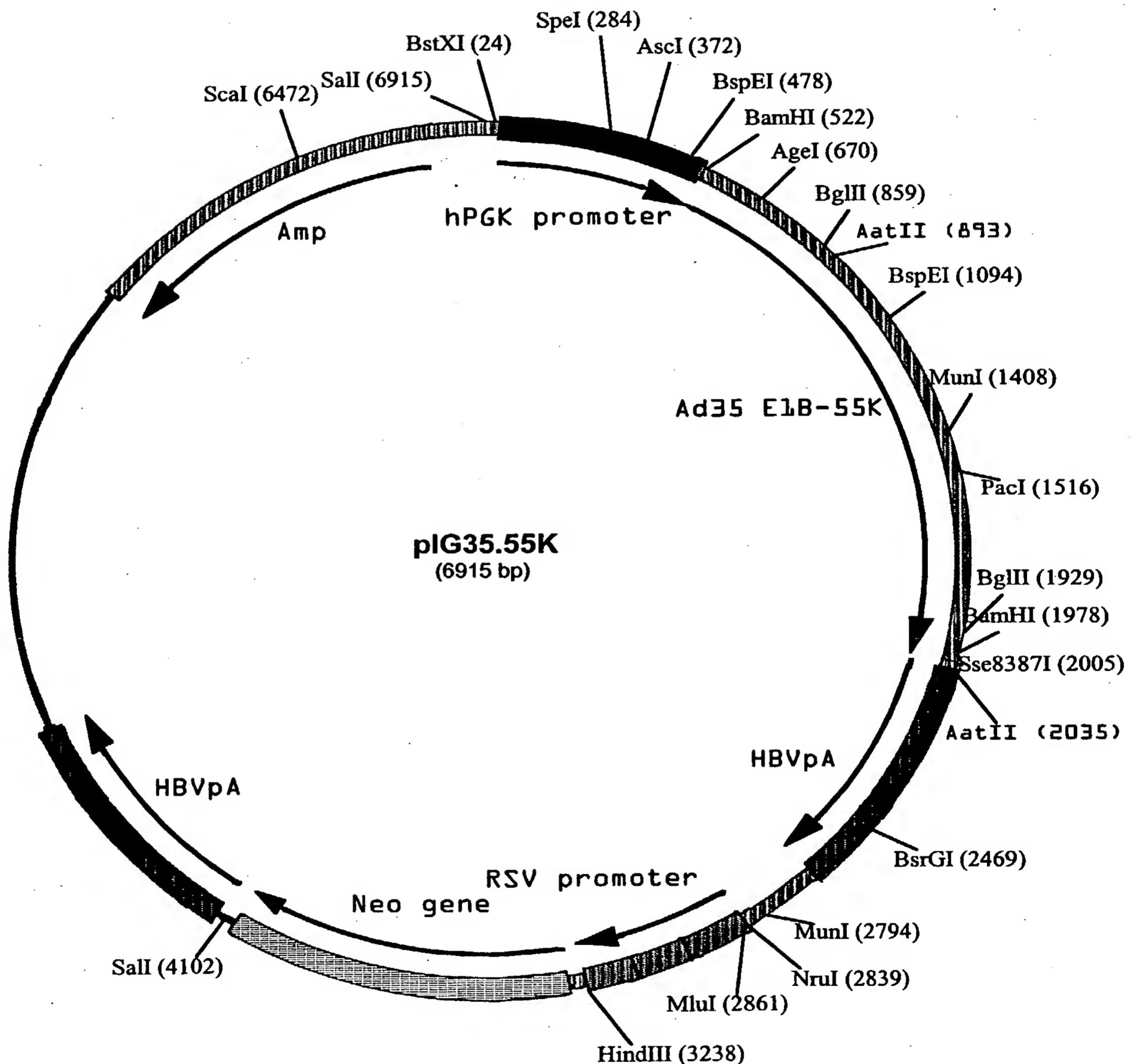
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Figure 23



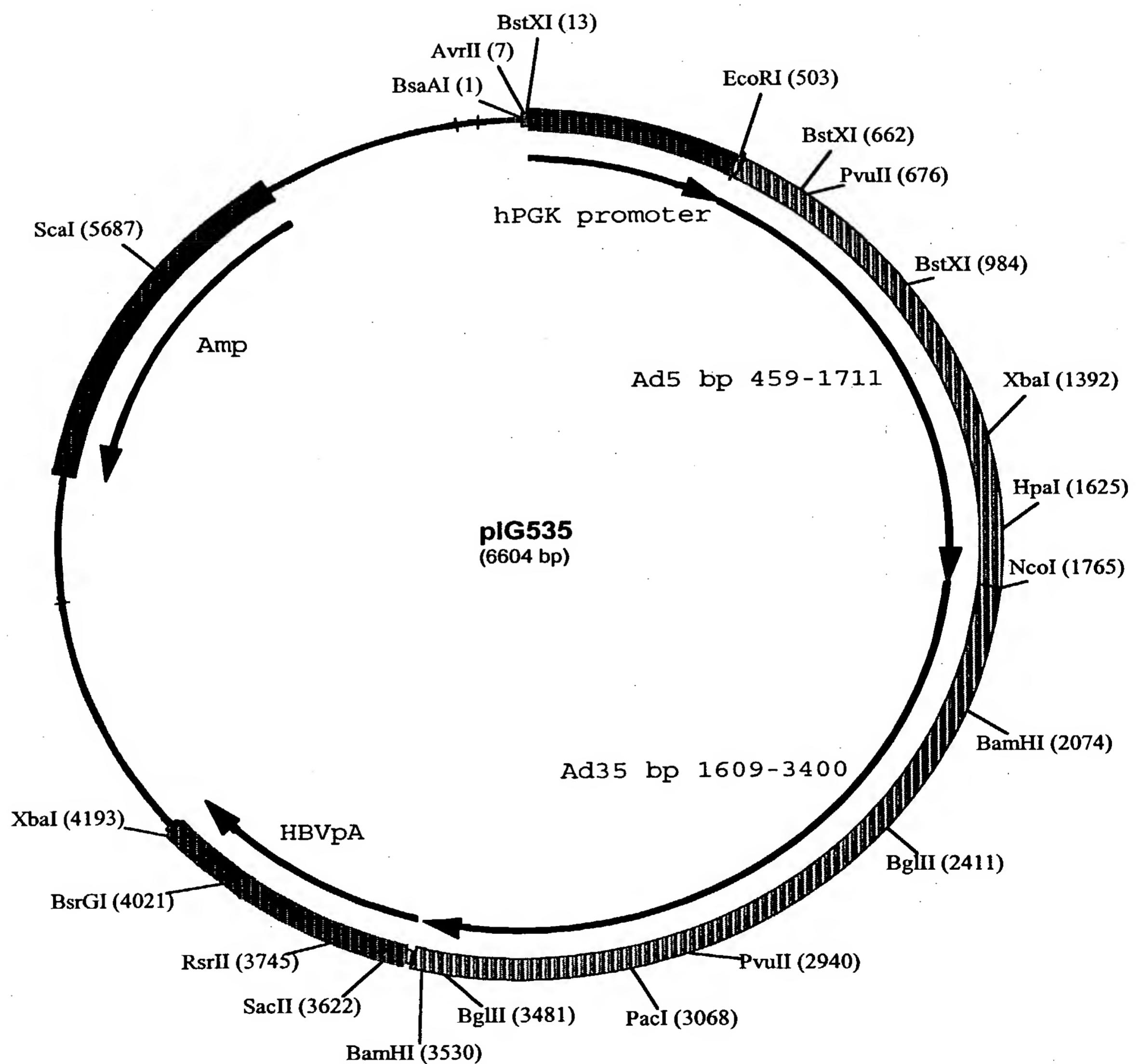
TITLE: COMPLEMENTING CELL LINES
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Figure 24



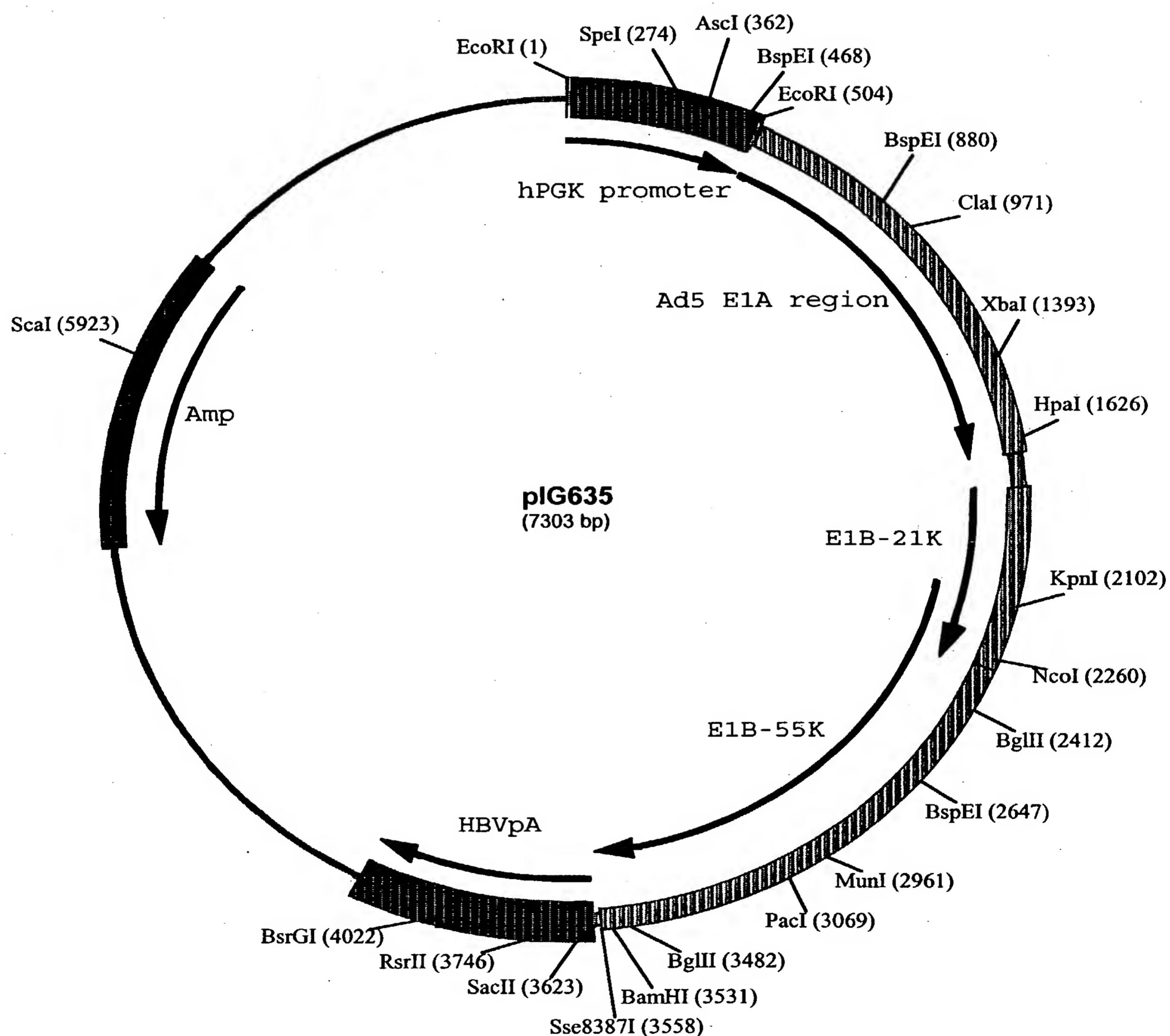
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Figure 25



TITLE: COMPLEMENTING CELL LINES
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Figure 26



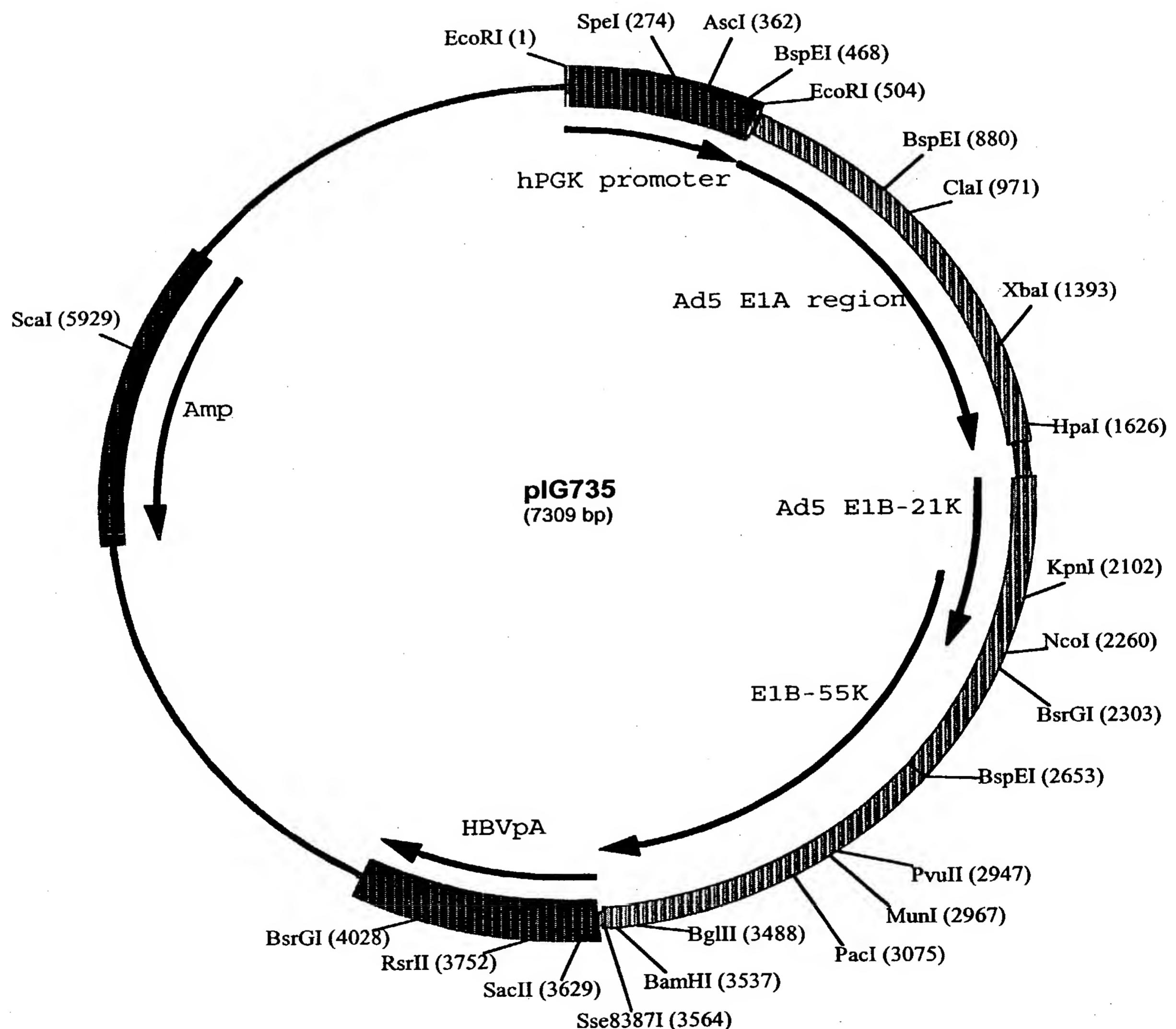
TITLE: COMPLEMENTING CELL LINES

Inventor: Vogels et al.

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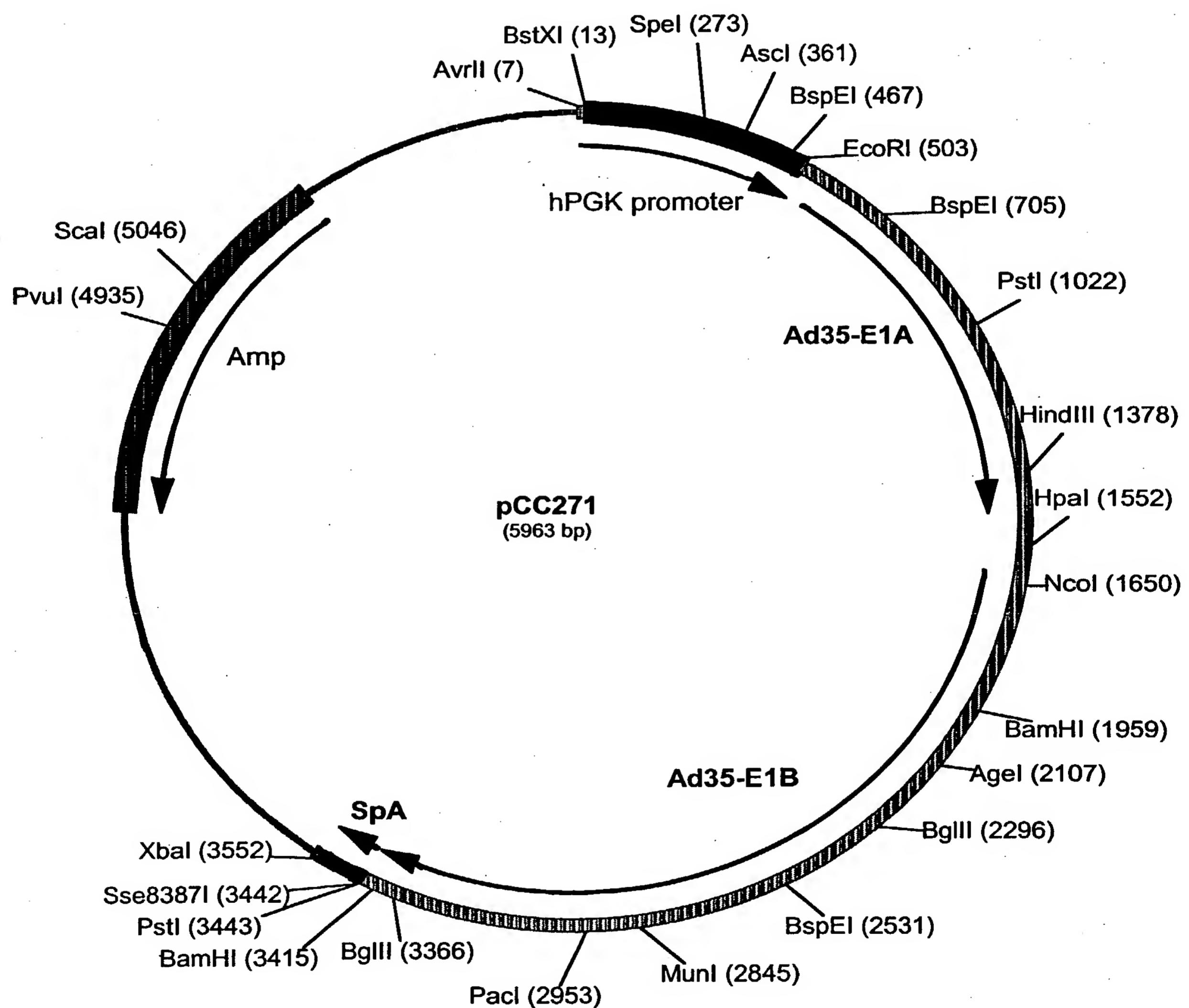
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Figure 27



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Figure 28



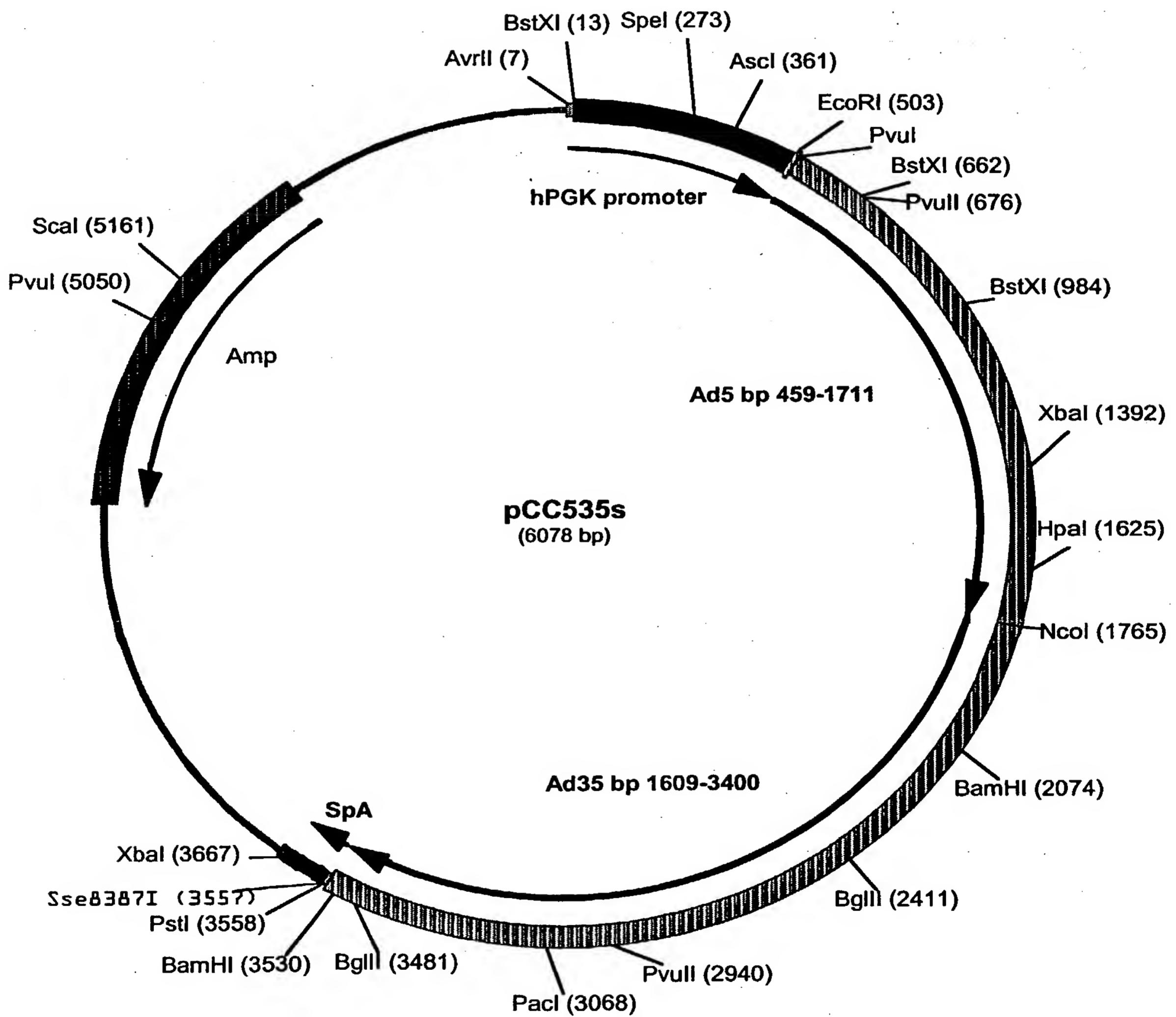
TITLE: COMPLEMENTING CELL LINES

Inventor: Vogels et al.

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Figure 29



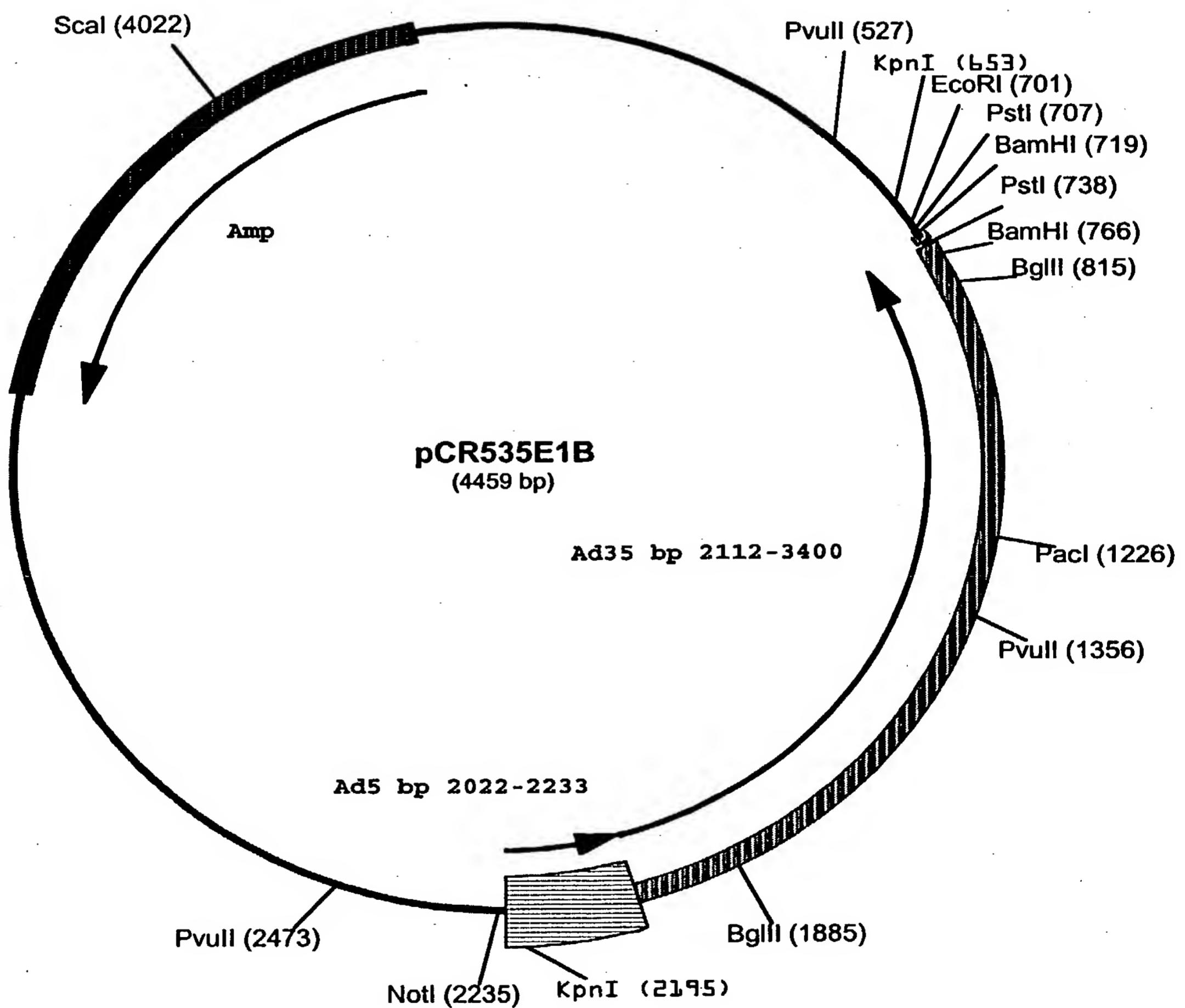
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Figure 30



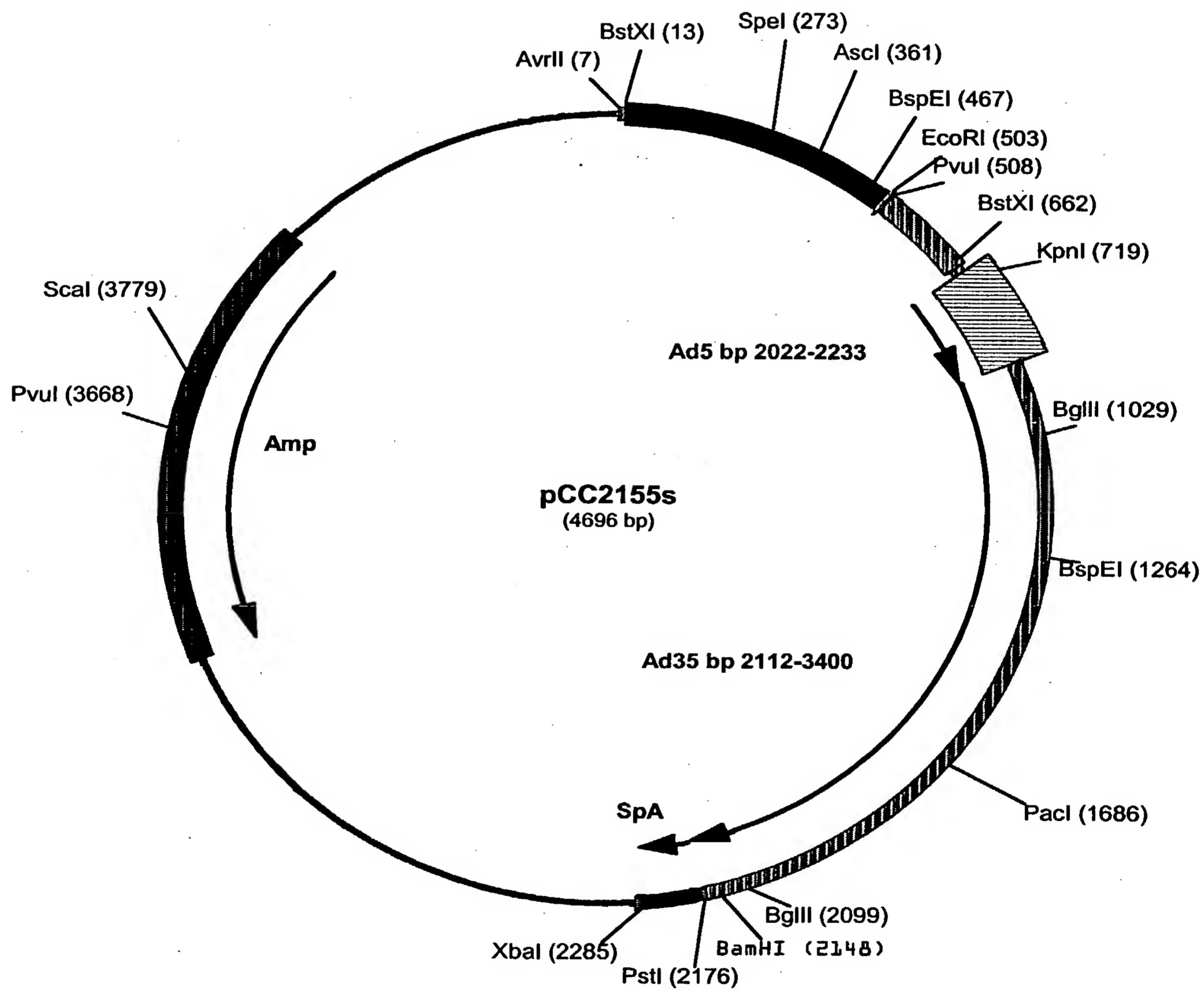
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Figure 31



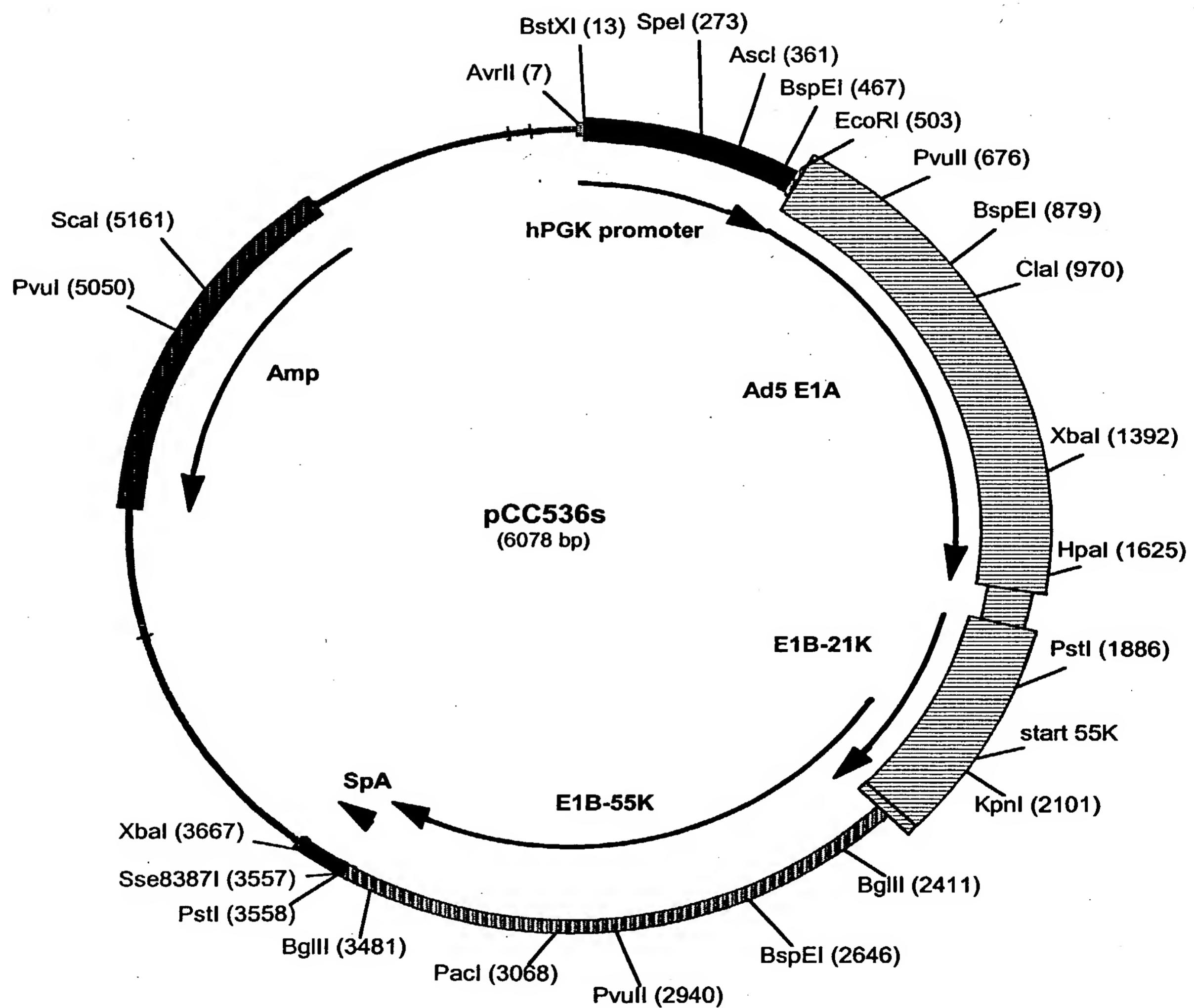
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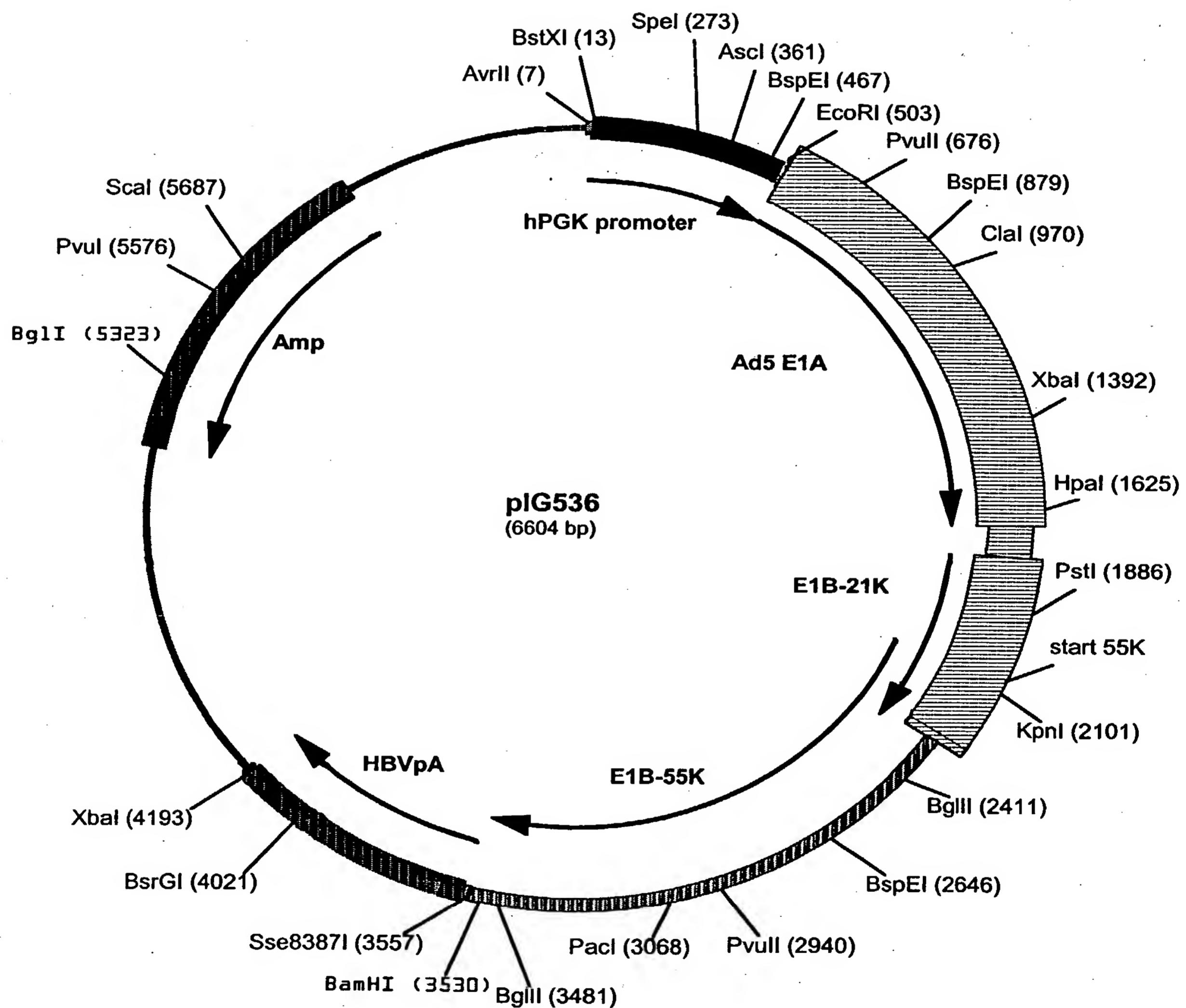
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Figure 32



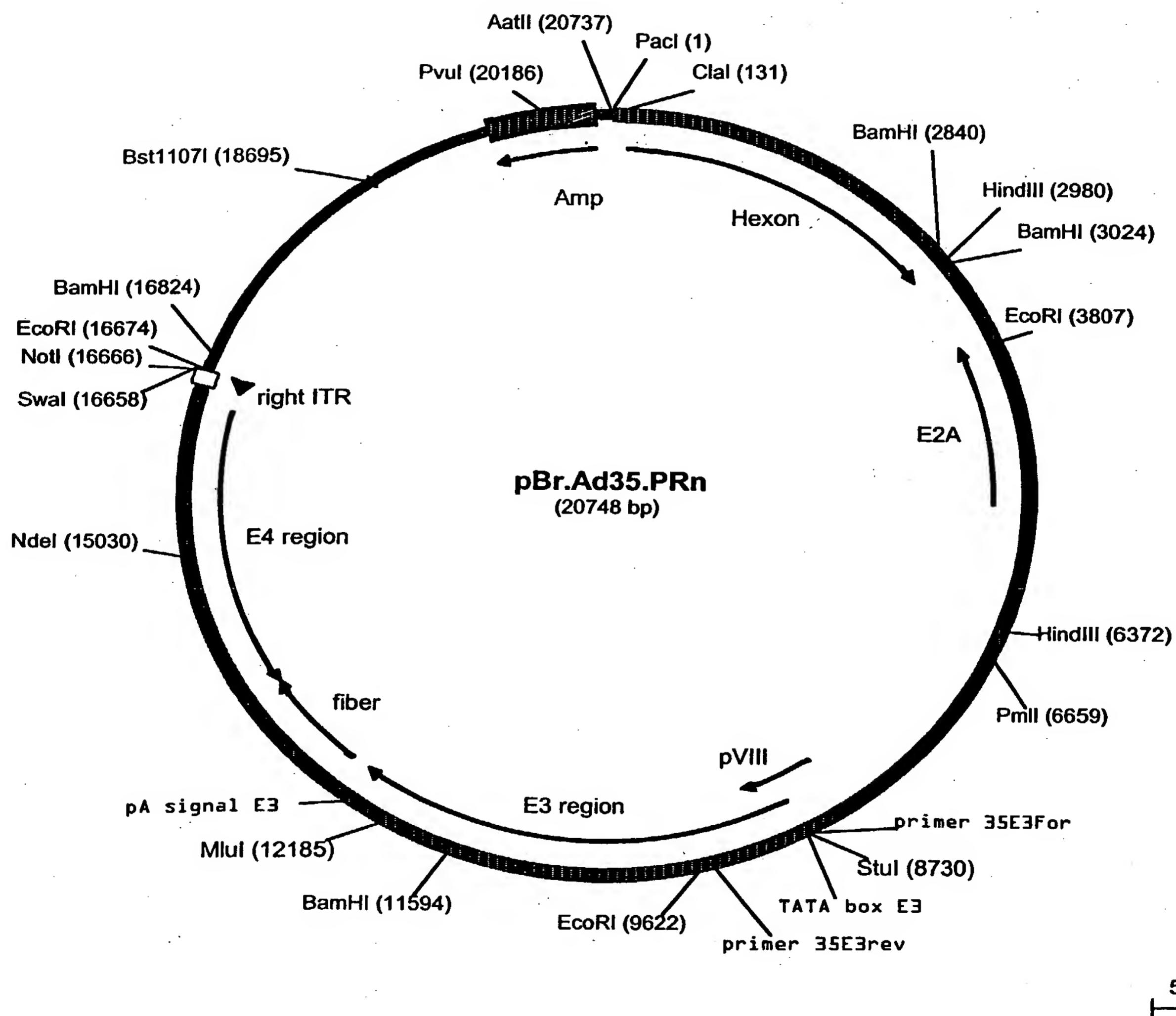
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Figure 33



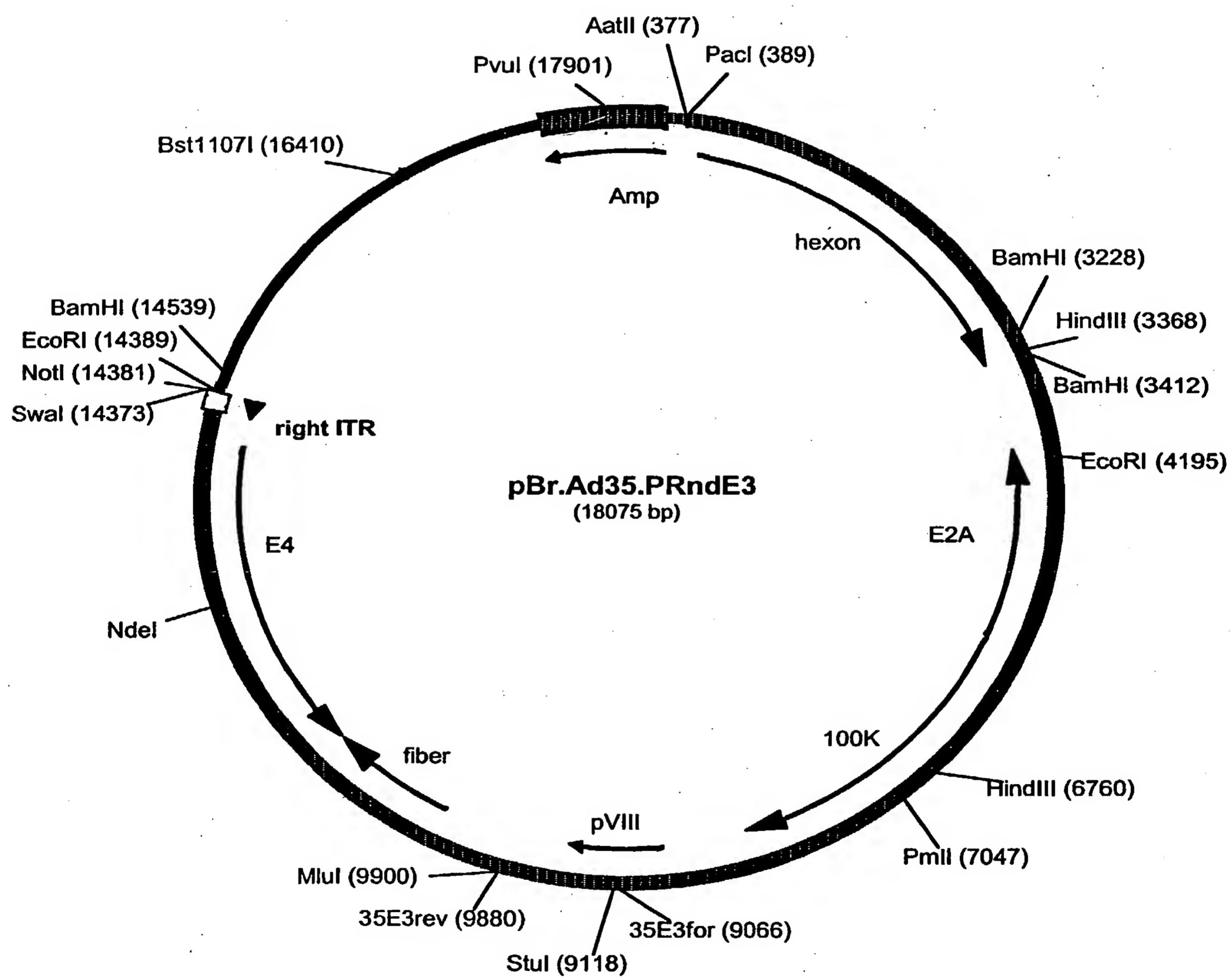
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Figure 34



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Figure 35



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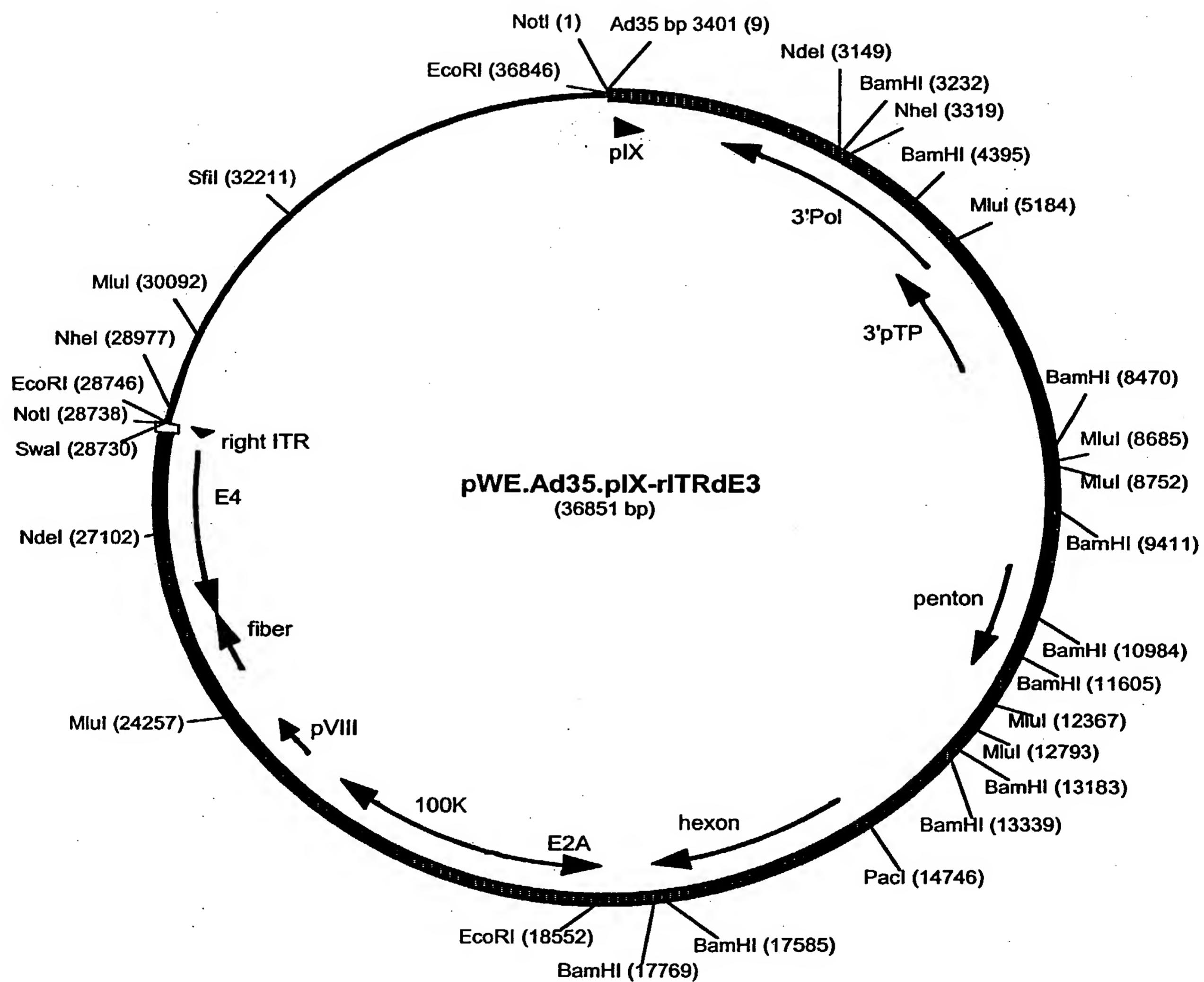
TITLE: COMPLEMENTING CELL LINES

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Figure 36



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1	M E A W E C L E D F S A V R N L L Q S S N S T S W P W R F L W G S S Q A K L V C R I K E D Y K W E	PCC536s .21K .PRO
1	M E A W E C L E D F S A V R N L L E Q S S N S T S W F W R F L W G S S Q A K L V C R I K E D Y K W E	Ad5 .E1B -21K .PRO
1	M E V W A I L E D L R K T R [Q] L I E S A S D G V S G F W R F W F A S E L A R V V F R I K Q D Y K Q E	Ad35 .E1B -21K .PRO
51	F E E L L K S C G E L F D S L N L G H Q A L P Q E K V I K T L D F S T P G R A A A V A F L S F I K	PCC536s .21K .PRO
51	F E E L L K S C G E L F D S L N L G H Q A L P Q E K V I K T L D F S T P G R A A A V A F L S F I K	Ad5 .E1B -21K .PRO
51	F E K L L V D C P G L F E A L N L G H Q V H P K E K V L S V L D F S T P G R T A A V A F L T F I L	Ad35 .E1B -21K .PRO
101	D K W S E E T H L S G G Y L L D P L A M H L W R A - V V R H K N R L L L S S V R P A I I P T E E Q	PCC536s .21K .PRO
101	D K W S E E T H L S G G Y L L D P L A M H L W R A - V V R H K N R L L L S S V R P A I I P T E E Q	Ad5 .E1B -21K .PRO
101	D K W I P Q T H E S R G Y V L D P I A T A L W R T I L G Y W P V Q P L G V A G G I L R	Ad35 .E1B -21K .PRO
150	Q Q Q Q E A R R R R Q E Q S P W N P R A G L D P P V E E A E	PCC536s .21K .PRO
150	Q Q Q Q E E A R R R R Q E Q S P W N P R A G L D P P V E E A E	Ad5 .E1B -21K .PRO
151	H P P V M P A V L E E E Q Q E D - N P R A G L D P P V E E A E	Ad35 .E1B -21K .PRO

Decoration 'Decoration #1': Box residues that differ from the Consensus.

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Figure 37 B: Alignment of E1B-55K sequences from pCC536s, wtAd35 and wtAd5

1	M E R R N P S E R G V P A G F S G H A S S V E E S G C E T Q E S P A T V V F R P P G D N T D G G A A A A A G G S Q A A A A G	pCC536s.55K.PRO
1	M D P A D S F Q Q G I R F G F [H S] V E N M E G S Q D E D N L R L L A S A A F G C S G N P E A S T G H A S G S G G G	Ad35.E1B-55K.pro
1	M E R R N P S E R G V P A G F S G H A S S V E E S G C E T Q E S P A T V V F R P P G D N T D G G A A A A A G G S Q A A A A G	Ad5.E1B-55K.pro
61	A E P M E P E S R P G P S S - G G G G V A D L S P E L Q R V L T G S T S T G R D R G V K R E R A S S - G T D A R S E L A	pCC536s.55K.PRO
61	T A R G Q Q P E S R P G P S S - G G G G V A D L S P E L Q R V L T G S T S T G R D R G V K R E R A S S - G T D A R S E L A	Ad35.E1B-55K.pro
61	A E P M E P E S R P G P S G M N V V Q V A E L Y P E L R R I L T I T E D G Q G L K G V K R E R G A C E A T E E A R N L A	Ad5.E1B-55K.pro
119	L S L M S R R P E T I W W H E V Q K E G R D E V S V L Q E K Y S L E Q V K T C W L E P E D D W A V A I K N Y A K I A L	pCC536s.55K.PRO
119	L S L M S R R P E T I W W H E V Q K E G R D E V S V L Q E K Y S L E Q V K T C W L E P E D D W A V A I K N Y A K I A L	Ad35.E1B-55K.pro
121	F S L M T R H R P E C I T F Q Q I K D N C A N E L D L A Q K Y S I E Q L T Y W L Q P G D D F E E A I R V Y A K V A L	Ad5.E1B-55K.pro
179	R P D K Q Y K I S R R I N I R N A C Y I S G N G A E V V I D T Q D K T V I R C C M M D M W P G V V G M E A V T F V N V K	pCC536s.55K.PRO
179	R P D K Q Y K I S R R I N I R N A C Y I S G N G A E V V I D T Q D K T V I R C C M M D M W P G V V G M E A V T F V N V K	Ad35.E1B-55K.pro
181	R P D C K Y K I S K L V N I R N C C Y I S G N G A E V V E I D T E D R V A F R C S M I N M W P G V L G M D G V V I M N V R	Ad5.E1B-55K.pro
239	F R G D G Y N G I V F M A N T K L I L H G C S F F G F N N T C V D A W G Q V S V R G C S F Y A C W I A T A G R T K S Q L	pCC536s.55K.PRO
239	F R G D G Y N G I V F M A N T K L I L H G C S F F G F N N T C V D A W G Q V S V R G C S F Y A C W I A T A G R T K S Q L	Ad35.E1B-55K.pro
241	F T G P N F S G T V F L A N T N L I L H G V S F Y G F N N T C V E A W T D V R G C A F Y C C W K G V V C R P K S R A	Ad5.E1B-55K.pro
299	S L K K C I F Q R C N L G I L N E G E A R V R H C A S T D T G C F I L I K G N A S V K H N M I C G A S D E R P Y Q M L T	pCC536s.55K.PRO
299	S L K K C I F Q R C N L G I L N E G E A R V R H C A S T D T G C F I L I K G N A S V K H N M I C G A S D E R P Y Q M L T	Ad35.E1B-55K.pro
301	S I K K C L F E R C T L G I L S E G N S R V R H N V A S D C G C F M L V K S Y A V I K H N M Y C G N C E D R A S Q M L T	Ad5.E1B-55K.pro
359	C A G G H C N M L A T V H I V S H Q R K K W P V F D H N V L T K C T M H A G G R R G M F M P Y Q C N M N H V K V L L E P	pCC536s.55K.PRO
359	C A G G H C N M L A T V H I V S H Q R K K W P V F D H N V L T K C T M H A G G R R G M F M P Y Q C N M N H V K V L L E P	Ad35.E1B-55K.pro
361	C S D G N C H L L K T I H V A S H S R K A W P V F E H N I L T R C S L H L G N R R G V F L P Y Q C N L S H T K I L L E P	Ad5.E1B-55K.pro
419	D A F S R M S L T G I F D M N T Q I W K I L R Y D D T R S R V R A C E C G G K H A R F Q P V C V D V T E D L R P D H L V	pCC536s.55K.PRO
419	D A F S R M S L T G I F D M N T Q I W K I L R Y D D T R S R V R A C E C G G K H A R F Q P V C V D V T E D L R P D H L V	Ad35.E1B-55K.pro
421	E S M S K V N L N G V F D M T M K I W K V L R Y D E T R T R C R P C E C G G K H I R N Q P V M L D V T E E L R P D H L V	Ad5.E1B-55K.pro
479	I A R T G A E F G S S G E E T D	pCC536s.55K.PRO
479	I A R T G A E F G S S G E E T D	Ad35.E1B-55K.pro
481	[L A C T R A E F G S S D E D T D	Ad5.E1B-55K.pro

Decoration #1: Box residues that differ from pCC536s.55K.PRO.